# Appendix C Factual Event Reports

# Sampling Event Report, October / November 2024

## RAAF Base Amberley

## Department of Defence

**JBS&G 66133 | 164,336**

**9 May 2025**



JBS&G

**We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.**

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.



**Caring for Country** The Journey of JBS&G
**Artist:** Patrick Caruso, Eastern Arrernte

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# Abbreviations

| Term | Definition |
|---|---|
| AECOM | AECOM Australia Pty Ltd |
| AFFF | Aqueous Film Forming Foam |
| AHD | Australian Height Datum |
| ANZG | Australian and New Zealand Guidelines |
| ASC NEPM | Assessment Of Site Contamination National Environment Protection Measure 1999 (As Amended 2013) |
| BoM | Bureau of Meteorology |
| COC | Chain Of Custody |
| CPSA | Confirmed Primary Source Area |
| DCMM | Defence Contamination Management Manual |
| DETSI | Department of Environment, Tourism, Science and Innovation |
| Defence | Department Of Defence |
| DO | Dissolved Oxygen |
| DQIs | Data Quality Indicators |
| DQOs | Data Quality Objectives |
| EC | Electrical Conductivity |
| Eh / ORP | Oxidation Reduction Potential |
| FTA | Fire Training Area |
| HEPA | Heads Of Environmental Protection Agencies |
| IP | Interface Probe |
| JBS&G | JBS&G Australia Pty LTD |
| LOR | Limit Of Reporting |
| NATA | National Association of Testing Authorities |
| NEMP | National Environmental Management Plan |
| NHMRC | National Health and Medical Research Council |
| OMP | Ongoing Monitoring Plan |
| OMR | Ongoing Monitoring Report |
| PFAS | Per- And Poly-Fluoroalkyl Substances |
| PFHxS | Perfluorohexane sulfonate |
| PFOA | Perflurooctanoic acid |
| PFOS | Perfluorooctane sulfonate |
| PMAP | PFAS Management Area Plan |
| QA/QC | Quality Assurance / Quality Control |
| QLD | Queensland |
| RAAF | Royal Australian Air Force |
| SAQP | Sampling and Analysis Quality Plan |
| SER | Sampling Event Report |
| STP | Sewerage Treatment Plant |
| SWL | Standing Water Level |

# Per and Polyfluoroalkyl Substance (PFAS) Compounds and Chemical Abstract Service (CAS) Number

| PFAS Group | Compound | CAS No. |
|---|---|---|
| Perfluoroalkyl Sulfonic Acids | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 |
| | Perfluoropentane sulfonic acid (PFPeS) | 2706-91-4 |
| | Perfluorohexane sulfonate (PFHxS) | 355-46-4 |
| | Perfluoroheptane sulfonic acid (PFHpS) | 375-92-8 |
| | Perfluorooctane sulfonate (PFOS) | 1763-23-1 |
| | Perfluorodecane sulfonic acid (PFDS) | 335-77-3 |
| Perfluoroalkyl Carboxylic Acids | Perfluorobutanoic acid (PFBA) | 375-22-4 |
| | Perfluoropentanoic acid (PFPeA) | 2706-90-3 |
| | Perfluorohexanoic acid (PFHxA) | 307-24-4 |
| | Perfluoroheptanoic acid (PFHpA) | 375-85-9 |
| | Perfluorooctanoic acid (PFOA) | 335-67-1 |
| | Perfluorononanoic acid (PFNA) | 375-95-1 |
| | Perfluorodecanoic acid (PFDA) | 335-76-2 |
| | Perfluoroundecanoic acid (PFUnDA) | 2058-94-8 |
| | Perfluorododecanoic acid (PFDoDA) | 307-55-1 |
| | Perfluorotridecanoic acid (PFTrDA) | 72629-94-8 |
| | Perfluorotetradecanoic acid (PFTeDA) | 376-06-7 |
| Perfluoroalkyl Sulfonamides | Perfluorooctane sulphonamide (FOSA) | 754-91-6 |
| | N-Methyl perfluorooctane sulfonamide (MeFOSA) | 31506-32-8 |
| | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | 4151-50-2 |
| | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) | 2448-09-7 |
| | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | 1691-99-2 |
| | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | 2355-31-9 |
| | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | 2991-50-6 |
| (n:2) Fluorotelomer Sulfonic Acids | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 757124-72-4 |
| | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 27619-97-2 |
| | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 39108-34-4 |
| | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | 120226-60-0 |

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# Units

| Abbreviation | Term | Abbreviation | Term |
|---|---|---|---|
| GWE | Groundwater Elevation | °C | Degrees Celsius |
| Kg | Kilogram | m AHD | Metres Australian Height Datum |
| km | Kilometre | m bTOC | Metres below Top of Casing |
| km2 | Kilometre squared | mg | Milligram |
| mV | Millivolt | mg/L | Milligram per litre |
| L | Litres | mbgl | Metres below ground level |
| m | Metre | µS/cm | Micro-Siemens per centimetre |
| mm | Millimetre | SWL | Standing Water Level |
| cm | Centimetre | µg | Microgram |
| Ha | Hectare | µg/L | Microgram per litre |

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# 1. Introduction

## 1.1 Background

JBS&G Australia Pty Ltd (JBS&G) has been engaged by the Department of Defence (Defence) to act as the Lead Consultant for the implementation of Defence (2020) RAAF Base Amberley, Per and Polyfluoroalkyl Substances (PFAS) Management Area Plan (the PMAP). The location of the Base and Management Area have been illustrated on **Figure 1**. The Base has been further divided into 11 surface water catchment areas, with discharge points for the on Base drainage system to Bremer River and Warrill Creek illustrated on **Figure 2**.

The PMAP includes an Ongoing Monitoring Plan (OMP), which sets out the requirements for collection of adequate data to assess changes in the nature and extent of contamination across the Management Area. The information collected may be used to inform where new risk management actions may be required, or to support a determination that remediation has been completed so far as reasonably practicable. An Ongoing Monitoring Report (OMR) is prepared following each 12-month monitoring period and presents an interpretation of data collected as part of the OMP.

This Sampling Event Report (SER) has been prepared in accordance with the Defence (2024) *Ongoing Monitoring Program Reporting Guidance*.

## 1.2 Objective

The objective of this SER is to document the observations, information and data collected in accordance with the OMP during the October / November 2024 monitoring event.

## 1.3 Scope

The October / November 2024 sampling event was completed in general accordance with the Sampling and Analysis Quality Plan (AECOM, 2024a)[1] (the SAQP). The scope of work comprised:

- Liaison with Base management and landowners to obtain access to the OMP sampling locations.
- Completion of the groundwater sampling program inclusive of:
  - Gauging of 44 of 45 monitoring wells prior to collection of samples. One well (MW309) was not gauged due to damaged well covering.
  - Sampling of 44 of 45 monitoring wells. One well (MW309) not monitored due to damaged well covering.
- Completion of the surface water sampling program:
  - Sampling of 44 of 49 surface water points. Four monitoring locations were dry at the time of sampling (SW003, SW030, SW064, SW067), and one sample location (SW033) was inaccessible due to Base operations.
- Completion of the sediment sampling program:
  - Sampling of 47 of 49 sediment collection points. Two sample locations were inaccessible due to Base operations (SD033), and flood conditions preventing safe collection (SD040).

[1] AECOM (2024a). *PFAS OMP-RAAF Base Amberley Sampling and Analysis Quality Plan*. January 2024

- Collection of quality control samples at a rate of 1 in 10 primary samples for both intra- and inter-laboratory, as well as one field blank per day and one rinsate per day (where non-disposable sampling equipment was used), and one trip blank per media, per laboratory batch.
- Analysis of samples for the PFAS suite at standard LOR (limit of reporting).
- Data management of all OMP data in the Defence Esdat database.
- Preparation of result letters for off-Base stakeholders.
- Preparation of this SER.

# 2. Summary of Sampling and Analysis

## 2.1 Sampling and Analysis Quality Plan

The October / November 2024 sampling event was completed in general accordance with the SAQP, with deviation from the SAQP presented in **Section 2.2**. The SAQP presents the data quality objectives, data quality indicators and sample methodologies.

The OMP sample locations for groundwater and co-located surface water/sediment locations have been shown on **Figure 3** and **Figure 4**, respectively.

## 2.2 Deviations From SAQP

Deviations from the SAQP have been presented in the table below. The deviations are not considered to significantly impact the objectives of the OMP program.

**Table 2-1: Deviations from SAQP**

| Location(s) | Deviation | Comment | Impact to OMP |
|---|---|---|---|
| MW535, MW536, MW537, MW538, MW539 | Additional monitoring locations | Newly installed replacement wells monitored. | Not significant – The monitoring of newly installed replacement groundwater wells does not impact the existing monitoring well network, rather increases the spatial coverage. |
| MW309 | Not sampled | Well damaged. | Moderate – This deviation reduces the spatial coverage of the groundwater monitoring well network within the central portion of the Base. Groundwater monitoring wells are located downgradient of the target source area. |
| MW025, MW028 MW032, MW055S MW055D, MW056S MW056I | Retrieval of data logger not completed | Data loggers were removed from the monitoring wells prior to the October / November 2024 sampling event. | Not significant – the changes in groundwater elevations at these monitoring wells are well understood through data collected since 2019. |
| SW003, SW030, SW064 and SW067 | Not sampled | Sample locations were recorded as being dry at the time of monitoring. | Not significant – upstream and downstream locations were sampled during this monitoring event. |

| | | | |
|---|---|---|---|
| SW/SD033 | Not sampled | Sample locations were inaccessible due to Base operations. | Not significant –downstream locations were sampled during this monitoring event. |
| SD040 | Not sampled | Sample locations were inaccessible due to unsafe access conditions. | Not significant – sufficient sediment data has been collected at the monitoring locations. |

## 2.3 Groundwater Sampling Program

### 2.3.1 Groundwater Monitoring Locations

The following table presents the OMP groundwater monitoring network across the Management Area, including a description of proximity to potential PFAS sources referred to as Confirmed Primary Source Areas (CPSAs) detailed in the PMAP.

**Table 2-2: OMP Groundwater Monitoring Network**

| Approximate Target Source Area | Monitoring Well ID | Screened Aquifer |
|---|---|---|
| Major - CPSA A<br>Former Topside Aviation FTA and current FTA Fire Pad | MW002 | Walloon Coal Measures |
| | MW033 | Walloon Coal Measures |
| | MW535 | Alluvium |
| | MW536 | Alluvium |
| | MW539 | Alluvium |
| Major - CPSA B<br>Hangar 410 and Former Landfill | MW047 | Tertiary Formation |
| Major - CPSA C<br>Frogs Hollow Former Fire Training School Location | MW037 | Alluvium |
| Major - CPSA D<br>Sewage Treatment Plant | MW021 | Alluvium |
| | MW032 | Alluvium |
| Moderate - CPSA E<br>Historical Containment Pond | MW048 | Alluvium |
| Major - CPSA G<br>Former FTA and Operational Testing Area | MW050 | Alluvium |
| Major - CPSA J<br>Former FTA and Operational Testing Area | MW005 | Alluvium |
| Major - CPSA M<br>Former Fuel Farm 1 and Triple Interceptor Pit and Major - CPSA N<br>Fire Station | MW006 | Alluvium |
| | MW023 | Alluvium |
| | MW028 | Alluvium |
| | MW029 | Alluvium |
| | MW036 | Alluvium |
| | MW309* | Tertiary Formation |
| Insignificant - CPSA P<br>Potential location of 1978 Skyhawk incident | MW538 | Alluvium |
| Minor - CPSA V<br>AFFF Wastewater Holding Tank | MW046 | Tertiary Formation |
| Major - CPSA W | MW026 | Tertiary Formation |

| Approximate Target Source Area | Monitoring Well ID | Screened Aquifer |
|---|---|---|
| Fire Fighting Training School | MW030 | Walloon Coal Measures |
| | MW031 | Tertiary Formation |
| | MW042 | Walloon Coal Measures |
| | MW043 | Walloon Coal Measures |
| Major - CPSA X<br>Former Structural and Open Pit FTA | MW041 | Walloon Coal Measures |
| Major - CPSA Y<br>Former Secondary FTA | MW537 | Tertiary Formation |
| Minor - CPSA Z<br>Fuel underground storage tank (UST) with AFFF listing | MW020 | Tertiary Formation |
| Moderate - CPSA AA<br>Triple Interceptor Pits at Engine Test Cell Facilities 1 and 2 | MW007 | Alluvium |
| Minor - CPSA BB<br>Areas used for irrigation- former grassed runways | MW012 | Tertiary Formation |
| Moderate – CPSA CC<br>Former Landfill | MW022 | Alluvium |
| Major - CPSA DD<br>HS748 Former FTA on Disused Runway | MW049 | Alluvium |
| Off-Base Warrill Creek.<br>These locations are down-gradient of multiple source areas. | MW054S | Alluvium |
| | MW054D | Walloon Coal Measures |
| | MW057S | Alluvium |
| | MW057I | Tertiary Formation |
| On-Base Bremer River.<br>These locations are down-gradient of multiple source areas. | MW024 | Alluvium |
| | MW025 | Alluvium |
| | MW034 | Alluvium |
| | MW035 | Alluvium |
| | MW044 | Alluvium |
| | MW055S | Alluvium |
| | MW055D | Walloon Coal Measures |
| Off-Base Bremer River.<br>These locations are down-gradient of multiple source areas | MW056S | Alluvium |
| | MW056I | Tertiary Formation |

**Notes:** * Indicates location was not assessed or sampled.
Suffix 'S', 'D' or 'I' represents the following S= Shallow I= Intermediate and D= Deep

### 2.3.2 Groundwater Sampling Methodology

The groundwater sampling methodology is presented in **Table 2-3** below.

**Table 2-3: Groundwater Sampling Methodology**

| Aspect | Detail |
|---|---|
| Monitoring Period | Groundwater monitoring was completed between 21 October 2024 and 26 November 2024. |
| Groundwater Gauging | Standing water levels (SWLs) were measured in each monitoring well using an interface probe (IP) prior to the installation of HydraSleeves™. Gauging was conducted in as short a time as possible; however, due to the number of wells and different requirements for accessing the monitoring well locations, the gauging took place over varying periods of time based on access, with the majority undertaken between the 21 and 23 October (32 wells) and the remainder between the 4 and 7 November (12 wells). |
| HydraSleeve™ Deployment | The HydraSleeves™ were installed within the screened interval of each well (based on a review of the well construction log) for a minimum of 24 hours prior to the sampling round. Once sampling was completed, new HydraSleeves™ were deployed at the screened interval depth in 21 of the monitoring wells in preparation for the next sampling round. HydraSleeves™ were not installed in 24 monitoring wells as they are regularly monitored by other programs. |
| Sample Retrieval | Groundwater samples were collected from the monitoring wells via a continuous pull method, enabling water to pass through the HydraSleeves™ check valve. Samples were collected immediately via the dedicated discharge tube (to minimise changes to chemistry).<br>During sampling, features such as discolouration, staining, odours and other indications of contamination were noted. |
| Field Parameters | Groundwater field parameters were obtained ex-situ, using water remaining in the HydraSleeves™ following sampling. Field measurements recorded comprised the following:<br>• Temperature.<br>• Electrical conductivity (EC).<br>• Dissolved oxygen (DO).<br>• Oxidation-reduction potential (ORP).<br>• pH. |
| Decontamination | Dedicated HydraSleeves™ were used at each groundwater monitoring well location. All reusable monitoring equipment (i.e. IP) was cleaned using PFAS-free detergent and PFAS-free deionised water supplied by the analytical laboratory. |
| Sample Identification, Preservation and Transportation | Each sample was labelled with project identification number, date, samplers initial and sample location. Labelling was completed in accordance with Annex L of the DCMM (Defence 2021).<br>Samples were collected into laboratory supplied sample containers (Teflon-free) and immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| QA/QC | Groundwater quality control samples were collected as follows, and analysed for the full PFAS analytical suite:<br>• Field duplicate (intra-laboratory) samples at 1 per 10 primary samples.<br>• Field triplicate (inter-laboratory) samples at 1 per 10 primary samples.<br>• Rinsate blank samples as one per day, collected from reusable equipment (interface probe and trowel).<br>• Field blank samples collected at a rate of one per day (groundwater and surface water). |

| Aspect | Detail |
|---|---|
| | • Trip blank samples submitted at a rate of one per laboratory batch (groundwater and surface water).<br>All field instruments (e.g. interface probes, water quality meters) were calibrated by the equipment supplier. Calibration checks were completed daily by field personnel prior to use during the monitoring event. Calibration certificates and bump test results are provided in **Appendix E**. |

### 2.3.3 Groundwater Analysis

Groundwater samples were submitted to the following National Association of Testing Authorities (NATA) accredited laboratories for analysis in accordance with the analytical schedule included in **Table 2-4**:

- Eurofins Brisbane (NATA Accreditation Number 1261).
- Envirolab (NATA Accreditation Number 290).

**Table 2-4: Groundwater Analytical Schedule**

| No. Primary Samples | Parameter | Method | LOR* |
|---|---|---|---|
| 44 | Extended PFAS Suite | LC/MS-MS | 0.01 – 0.1 µg/L |

**Note:** LC/MS-MS: Liquid chromatography–mass spectrometry
* LOR for Eurofins Brisbane

## 2.4 Surface Water Sampling Program

### 2.4.1 Surface Water Monitoring Locations

The following table presents the OMP surface water monitoring locations across the Management Area, including a description of location from which the body of water was sampled.

**Table 2-5: OMP Surface Water Monitoring Locations**

| Location | Surface Water Points |
|---|---|
| On-Base Drains | SW002, SW003*, SW008, SW011, SW021, SW027, SW028, SW030*, SW033*, SW037, SW038, SW041, SW048, SW049, SW053, SW056, SW059, SW064*, SW067*, SW076, SW079, SW080 |
| Warrill Creek | SW004, SW005, SW009, SW015, SW016, SW018, SW020, SW026, SW034, SW043, SW099, SW100 |
| Bremer River | SW025, SW036, SW039, SW040, SW045, SW047, SW050, SW051, SW052, SW088, SW089, SW090, SW091, SW094, SW098 |

**Note:** * Indicates location was not assessed or sampled.

### 2.4.2 Surface Water Sampling Methodology

The surface water sampling methodology is presented in **Table 2-6** below.

**Table 2-6: Surface Water Sampling Methodology**

| Aspect | Detail |
|---|---|
| Monitoring Period | Surface water monitoring was completed between 28 October 2024 and 18 November 2024. |
| Sampling Methodology | Surface water samples were collected directly into the laboratory supplied sample container. At each sample location a new sample container was lowered into the water at least 10cm below the surface (where possible), with the opening facing down to avoid |

| Aspect | Detail |
|---|---|
| | collection of surface films. The cap was applied immediately once the sample container was full.<br><br>Where surface water was difficult to access, the sample container was attached to the telescopic pole, which was lowered into the water body. The telescopic pole was attached so that the telescopic pole was not in direct contact with the opening of the sample container. Sample location SW040 was sampled using a dedicated bailer, with the sample decanted directly into to the laboratory provided sample container.<br><br>During sampling, features such as discolouration, staining, odours and other indications of contamination were noted.<br><br>Once collected, samples were immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| Field Parameters | Surface water field parameters were obtained in-situ at the time of sampling. Field measurements recorded comprised: Temperature, EC, DO, ORP and pH. |
| Decontamination | All reusable monitoring equipment (i.e. telescopic pole) was cleaned using PFAS-free detergent and PFAS-free deionised water supplied by the analytical laboratory. |
| Sample Identification, Preservation and Transportation | Each sample was labelled with project identification number, date, samplers initial and sample location. Labelling was completed in accordance with Annex L of the DCMM (Defence 2021).<br><br>Samples were collected into laboratory supplied sample containers (Teflon-free) and immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| QA/QC | Surface water quality control samples were collected as follows, and analysed for the full PFAS analytical suite:<br>• Field duplicate (intra-laboratory) samples at 1 per 10 primary samples.<br>• Field triplicate (inter-laboratory) samples at 1 per 10 primary samples.<br>• Rinsate blank samples as one per day, collected from reusable equipment (interface probe and trowel).<br>• Field blank samples collected at a rate of one per day (groundwater and surface water).<br>• Trip blank samples submitted at a rate of one per laboratory batch (groundwater and surface water).<br>All field instruments (e.g. interface probes, water quality meters) were calibrated by the equipment supplier. Calibration checks were completed daily by field personnel prior to use during the monitoring event. Calibration certificates and bump test results are provided in **Appendix E**. |

### 2.4.3 Surface Water Analysis

Surface water samples were submitted to the following National Association of Testing Authorities (NATA) accredited laboratories for analysis in accordance with the analytical schedule included in **Table 2-7**:

- Eurofins Brisbane (NATA Accreditation Number 1261).
- Envirolab (NATA Accreditation Number 290).

**Table 2-7: Surface Water Analytical Schedule**

| No. Primary Samples | Parameter | Method | LOR* |
|---|---|---|---|
| 44 | Extended PFAS Suite | LC/MS-MS | 0.01 – 0.1 µg/L |

**Note:** LC/MS-MS: Liquid chromatography–mass spectrometry
* LOR for Eurofins Brisbane

## 2.5 Sediment Sampling Program

### 2.5.1 Sediment Monitoring Locations

The following table presents the OMP sediment monitoring locations across the Management Area, including a description of location from which body of water the sediment sample was collected.

**Table 2-8: OMP Sediment Monitoring Locations**

| Location | Sediment Points |
|---|---|
| On-Base Drains | SD002, SD003, SD008, SD011, SD021, SD027, SD028, SD030, SD033*, SD037, SD038, SD041, SD048, SD049, SD053, SD056, SD059, SD064, SD067, SD076, SD079, SD080 |
| Warrill Creek | SD004, SD005, SD009, SD015, SD016, SD018, SD020, SD026, SD034, SD043, SD099, SD100 |
| Bremer River | SD025, SD036, SD039, SD040*, SD045, SD047, SD050, SD051, SD052, SD088, SD089, SD090, SD091, SD094, SD098 |

**Note:** * Indicates location was not assessed or sampled.

### 2.5.2 Sediment Sampling Methodology

The sediment sampling methodology is presented in **Table 2-9** below.

**Table 2-9: Sediment Sampling Methodology**

| Aspect | Detail |
|---|---|
| Monitoring Period | Sediment monitoring was completed between 28 October 2024 and 18 November 2024. |
| Sampling Methodology | Samples representative of deposited sediments was collected from within the water body where possible. Sediment samples were collected either by hand using new nitrile gloves, or from a trowel. A new laboratory-supplied container was filled at each location.<br>During sampling, features such as discolouration, staining, odours and other indications of contamination were noted. |
| Logging | Sediment characterisation details were recorded for each sample. |
| Decontamination | All reusable monitoring equipment (i.e. trowel) was cleaned using PFAS-free detergent and PFAS-free deionised water supplied by the analytical laboratory. |
| Sample Identification, Preservation and Transportation | Each sample was labelled with project identification number, date, samplers initial and sample location. Labelling was completed in accordance with Annex L of the DCMM (Defence 2021).<br>Samples were collected into laboratory supplied sample containers (Teflon-free) and immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| QA/QC | Sediment quality control samples were collected as follows, and analysed for the full PFAS analytical suite: |

| | |
|---|---|
| | • Field duplicate (intra-laboratory) samples at 1 per 10 primary samples.<br>• Field triplicate (inter-laboratory) samples at 1 per 10 primary samples.<br>• Rinsate blank samples as one per day, collected from reusable equipment (interface probe and trowel).<br>• Field blank samples collected at a rate of one per day (groundwater and surface water).<br>• Trip blank samples submitted at a rate of one per laboratory batch (sediment). |

### 2.5.3 Sediment Analysis

Sediment samples were submitted to the following National Association of Testing Authorities (NATA) accredited laboratories for analysis in accordance with the analytical schedule included in **Table 2-10**.

- Eurofins Brisbane (NATA Accreditation Number 1261).
- Envirolab (NATA Accreditation Number 290).

Due to an error in assigned laboratory LOR, primary sediment samples were subject to re-analysis at the prescribed LOR required for comparison with historical data. The primary results of the re-analysis at the prescribed LOR have been reported and documented within this SER.

**Table 2-10: Sediment Analytical Schedule**

| No. Primary Samples | Parameter | Method | LOR* |
|---|---|---|---|
| 47 | Extended PFAS Suite | LC/MS-MS | 0.0002 – 0.001 mg/kg |

**Note:** LC/MS-MS: Liquid chromatography–mass spectrometry
* LOR for Eurofins Brisbane

# 3. PFAS Screening Criteria

## 3.1 Groundwater and Surface Water

Screening criteria adopted for groundwater and surface water are detailed within the SAQP and summarised in **Table 3-1** below. The assessment criteria were adopted in consideration of the following guidance:

- National Environment Protection (Assessment of Site Contamination) Measure 1999, Schedule B1, as amended in 2013 (ASC NEPM); and
- Heads of Environmental Protection Agencies (HEPA). (2020). PFAS National Environmental Management Plan, Version 2.0. January 2020 (PFAS NEMP).

The adopted assessment criteria are in accordance with the PFAS screening criteria nominated in the PMAP.

**Table 3-1: Groundwater and Surface Water Assessment Criteria**

| Environmental Media | Exposure Scenario | Adopted Assessment Criteria (µg/L) | | | Guidance |
|---|---|---|---|---|---|
| | | PFHxS + PFOS | PFOS | PFOA | |
| **Human Health Receptors** | | | | | |
| Groundwater and Surface Water | Drinking Water[1] | 0.07 | | 0.56 | HEPA (2020) |
| Surface Water | Recreational Use | 2 | | 10 | HEPA (2020)[2] |
| **Ecological Receptors** | | | | | |
| Groundwater and Surface Water | Freshwater (95 % species protection) | | 0.13 | 220 | HEPA (2020) |

| | | | | |
|---|---|---|---|---|
| Groundwater and Surface Water | Freshwater (99% species protection) | 0.00023 | 19 | HEPA (2020) |

Notes:

1. Drinking water screening guidelines have been adopted for screened purposes for Industrial Water use, Stock Water use and Agriculture/Parks/Gardens water use.
2. Criteria sourced from National Health and Medical Research Council, 2019. Guidance on PFAS in Recreational Water, August 2019 (NHMRC, 2019).

### 3.2 Sediment

At the time of this SER, there are currently no Commonwealth endorsed criteria for screening of risk posed to human health or the environment by PFAS in sediment.

# 4. Quality Assurance and Quality Control

## 4.1 Data Reliability Process

An assessment of data reliability is critical to inform the use and interpretation of the data collected as part of the OMP. Data Quality Indicators (DQIs) are presented within the SAQP and include assessment of the following:

- Documentation and data completeness; and
- Data Quality – comparability, representativeness, precision, and accuracy of the analytical data.

The project target for data reliability is 95% compliance with the DQIs.

## 4.2 Data Reliability Summary

A data validation assessment is provided in **Appendix D** and has concluded that there are no significant errors associated with the data collected and laboratory analysis of the samples, with the exception of anomalous field parameter records. On this basis, the analytical results reported are representative of Base conditions and the data set is adequately reliable for the objective of this SER. The anomalous field parameters recorded should be confirmed during future monitoring events.

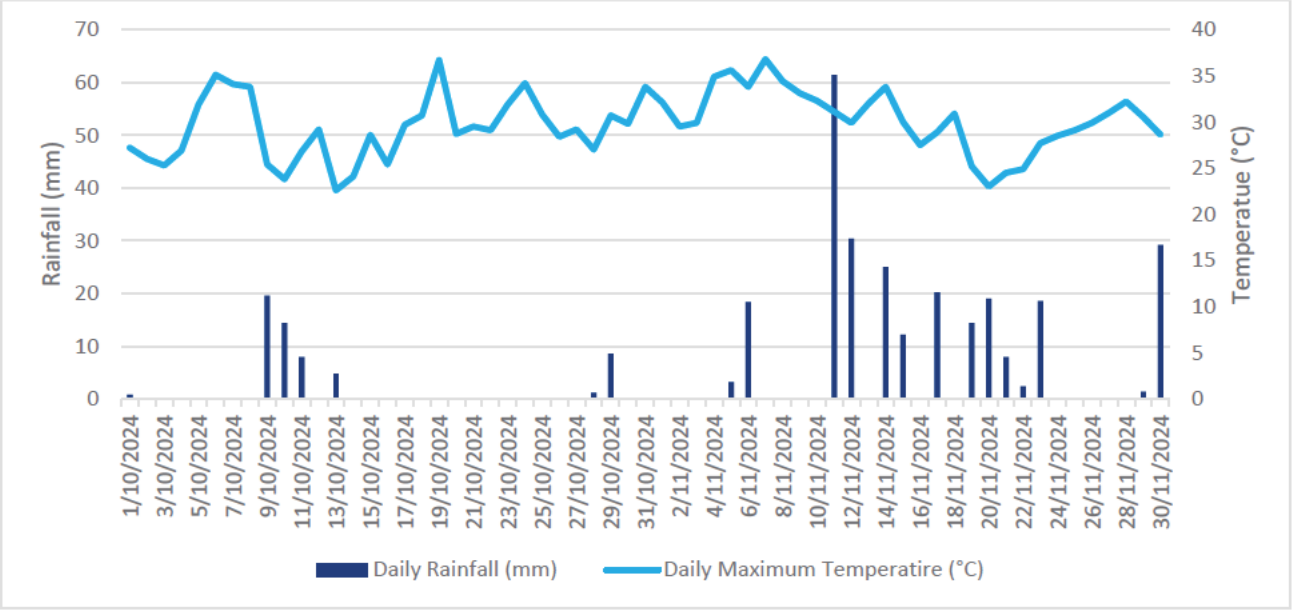
All data collected during this event has been reviewed and uploaded to the Defence ESdat database in accordance with Annex L of the DCMM (Defence, 2021).

# 5. Field Observations and Results

## 5.1 Weather Conditions

Rainfall measurements were obtained from the Bureau of Meteorology (BoM), Amberley Atlantic Multidecadal Oscillation (AMO) weather station (Station Number 040004). During the October/November 2024 sampling event (21 October to 26 November) a total of 243.2 mm of rain was recorded. The monthly rainfall for October 2024 (57.8 mm) was below the historical mean of 73.2 mm (1941 to 2024), whereas the monthly rainfall for November 2024 (264.2 mm) was well above the historical mean of 83.2 mm. Flood conditions were encountered within the Bremer River and Warrill Creek from the 11 to 23 November 2024.

A summary of weather conditions encountered has been illustrated in **Graph 1**.




**Graph 1: October / November 2024 Monitoring Period Weather Conditions (BoM, Amberley AMO Station 040004)**

## 5.2 Groundwater

### 5.2.1 Groundwater Monitoring Access

The groundwater monitoring well network was accessible during the sampling event and no issues with groundwater monitoring well integrity were identified except for the following:

- Five groundwater monitoring well monuments were identified as damaged, with four reported to be de-stabilised (i.e. rocking) (MW006, MW023, MW035 and MW037), whilst one monument was recorded as being on an angle (MW034). Monitoring wells were able to be successfully sampled.
- One monitoring well (MW309) was unable to be accessed and sampled due to a damaged gatic cover (i.e. stripped bolt).

### 5.2.2 Groundwater Elevation and Flow Direction

Standing Water Levels (SWLs) are measured in terms of metres below top of casing (mBTOC) and then converted into a relative level (RL) to determine the inferred groundwater flow direction. Groundwater elevations in the Alluvium/Tertiary Formation ranged between 8.558 and 29.099 metres Australian height datum (mAHD). The groundwater flow direction was inferred to be from the topographical high in the western portion of the Base (where the Tertiary Formation is the upper aquifer material) to the lower areas in the northeast, east and southeast (where the Alluvium forms the upper portion of the aquifer).

Groundwater elevation in the Walloon Coal Measures ranged between 14.330 and 37.992 mAHD. The Walloon Coal Measures represent a highly complex system characterised by high (fractures and bedding planes) and low (rock mass) hydraulic conductivity zones. The system is recharged by leakage from upper formations with the potential for direct recharge via rock outcropping. The complexity of the system is reflected in the significant variability of groundwater elevations recorded within the limited number of monitoring wells screened within the Walloon Coal Measures. On this basis, the preparation of groundwater contours is not considered to be justified.

The groundwater gauging data recorded has been presented in **Table B-1**, in **Appendix B**. Groundwater contours for the Alluvium / Tertiary Formation and groundwater elevations for the Walloon Coal Measures have been provided as **Figure 5** and **Figure 6**.

### 5.2.3 Groundwater Field Parameters and Observations

Groundwater field parameters are presented in **Table B-2**, in **Appendix B**. The field parameters were recorded ex-situ with remaining groundwater from the HydraSleeve™ following sampling. A summary of the field parameters has been presented in **Table 5-1**.

The following presented a summary of observations recorded during sampling:

- A metallic odour was recorded from 10 groundwater monitoring well locations (MW012, MW005, MW020, MW037, MW047, MW050, MW054D, MW054S, MW055S, MW024).
- A slight hydrocarbon odour was noted in one well (MW037).
- A sulfuric odour was recorded from three groundwater monitoring well locations (MW028, MW050, MW055D).
- A sour odour was recorded from four groundwater monitoring well locations (MW042, MW043, MW057I, MW057S).
- A solvent odour was recorded from one groundwater monitoring well location (MW033).
- An organic odour was recorded from one groundwater monitoring well location (MW044).
- No other visible or olfactory indications of contamination were observed during the sampling of the other monitoring wells.

Several pH and DO readings across the monitoring network differed greatly by comparison to previous monitoring events. These readings are considered to be anomalous and should be confirmed during future monitoring events.

**Table 5-1: Groundwater Field Parameters Summary**

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| Alluvium | DO (mg/L) | 0.23 | 8.60 | Anaerobic to aerobic conditions |
| | EC (µs/cm) | 114 | 15780 | Fresh to saline |
| | Eh (MV) | 173.8 | 425.2 | Mildly to moderately reducing |
| | Temperature (°C) | 21.3 | 25.6 | - |
| | pH | 3.27 | 9.75 | Acidic to alkaline |
| Tertiary Formation | DO (mg/L) | 0.02 | 8.76 | Anaerobic to aerobic conditions |
| | EC (µs/cm) | 385 | 27740 | Fresh to saline |
| | Eh (MV) | 149.0 | 305.9 | Mildly to moderately reducing |
| | Temperature (°C) | 21.6 | 25.5 | - |
| | pH | 3.51 | 10.06 | Acidic to alkaline |
| Walloon Coal Measures | DO (mg/L) | 0.02 | 5.42 | Anaerobic to aerobic conditions |
| | EC (µs/cm) | 500 | 21876 | Fresh to saline |
| | Eh (MV) | 112.0 | 332.7 | Mildly to moderately reducing |

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| | Temperature (°C) | 23.0 | 25.2 | - |
| | pH | 3.77 | 7.07 | Acidic to alkaline |

### 5.2.4 Groundwater Analytical Results

The groundwater analytical results have been compared against the adopted screening criteria and are presented in **Table C-1, Appendix C**. Concentrations of Sum PFHxS+PFOS and PFOA have been shown on **Figure 7** to **Figure 10**. Based on review of analytical results:

- Concentrations of PFOS in 22 out of 44 samples exceeded freshwater (95 % species protection) criteria, with 32 out of 44 samples exceeding the freshwater (99 % species protection) criteria.
- Concentrations of PFOS+PFHxS in 27 out of 44 samples exceeded drinking water criteria.
- A concentration of PFOA in 1 out of 44 samples exceeded freshwater (99 % species protection) criteria, with 7 out of 44 samples exceeding drinking water criteria.
- No other exceedances were identified.

The following **Table 5-2** presents a comparison between groundwater analytical results reported for the October / November 2024 and available historical data. The groundwater data has been presented with the available historical data in **Table C-4, Appendix C.**

**Table 5-2: Summary of Comparison with Historical Groundwater Data**

| Aspect | PFOA (µg/L) | PFOS (µg/L) | PFHxS+PFOS (µg/L) |
|---|---|---|---|
| First-time Detection<br>*(detection)* | MW034 *(0.01)*<br>MW042 *(0.02)* | MW538 *(0.02)* | None |
| First-time Ecological Criteria Exceedance<br>*(detection)* | none | MW538 *(0.02)* | None |
| First-time Human Health Exceedance<br>*(detection)* | None | None | None |
| New Historical Minimum<br>*(historical minimum / new minimum)* | MW020 *(0.06 / 0.02)*<br>MW048 *(0.03 / below LOR)*<br>MW049 *(0.16 / 0.02)*<br>MW536 *(0.08 / 0.06)*<br>MW537 *(0.02 / 0.01)*<br>MW539 *(0.04 / 0.02)* | MW020 *(1.1 / 0.46)*<br>MW048 *(1.5 / 0.75)*<br>MW049 *(3.15 / 0.56)*<br>MW536 *(0.94 / 0.66)*<br>MW537 *(0.18 / 0.07)* | MW020 *(3.25 / 0.67)*<br>MW048 *(2.34 / 0.81)*<br>MW049 *(4.83 / 0.91)*<br>MW536 *(1.56 / 1.14)*<br>MW537 *(0.44 / 0.21)*<br>MW538 *(0.05 / 0.03)*<br>MW539 *(4.26 / 3.1)* |
| New Historical Maximum<br>*(historical maximum / new maximum)* | MW034 *(below LOR / 0.01)*<br>MW037 *(0.13 / 0.18)*<br>MW042 *(below LOR / 0.02)* | MW036 *(0.02 / 0.03)*<br>MW042 *(0.15 /0.17)*<br>MW538 *(below LOR / 0.02)*<br>MW043 *(0.40 / 0.47)* | MW042 *(0.21 / 0.35)*<br>MW043 *(0.70 / 0.71)* |

## 5.3 Surface Water

### 5.3.1 Surface Water Monitoring Access

The surface water monitoring locations were accessible during the sampling event, with exception of one sample location (SW033) which was inaccessible due to Base operations. A total of four locations were found to be dry (SW064, SW067, SW003, SW030).

### 5.3.2 Surface Water Field Parameters and Observations

The field parameters were recorded in-situ at the time of sampling. The surface water field parameters are presented in **Table B-3**, in **Appendix B**, with a summary of the field parameters presented in **Table 5-3** below.

The following presents a summary of observations recorded during sampling:

- An organic odour was recorded at eight monitoring locations (SW002, SW016, SW037, SW038, SW041, SW050, SW059 and SW090).
- A hydrocarbon odour was recorded at two monitoring locations (SW053 and SW048).
- A metallic odour was recorded at two monitoring locations (SW056, SW076).
- A solvent odour was recorded at two monitoring location (SW027 and SW051).
- No other visible or olfactory indications of contamination were observed during the sampling of the other surface water sampling locations.

Several pH and DO readings across the monitoring network differed greatly by comparison to previous monitoring events. These readings are considered to be anomalous and should be confirmed during future monitoring events.

**Table 5-3: Surface Water Field Parameters Summary**

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| On-Base drainage lines | DO (mg/L) | 0.46 | 9.56 | Poorly to well oxygenated |
| | EC (µs/cm) | 144.7 | 939.0 | Fresh |
| | Eh (MV) | 155.3 | 516.2 | Mildly reducing to strongly oxidising |
| | Temperature (°C) | 20.4 | 31.5 | - |
| | pH | 1.05 | 7.32 | Acidic to neutral |
| Warrill Creek | DO (mg/L) | 0.07 | 5.90 | Poorly to well oxygenated |
| | EC (µs/cm) | 410.1 | 855.0 | Fresh |
| | Eh (MV) | 274.6 | 437.2 | Moderately to strongly oxidising |
| | Temperature (°C) | 24.5 | 26.9 | - |
| | pH | 3.06 | 7.36 | Acidic to neutral |
| Bremer River | DO (mg/L) | 0.03 | 7.40 | Poorly to well oxygenated |
| | EC (µs/cm) | 3.5 | 822.0 | Fresh |

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| | Eh (MV) | -43.0 | 351.3 | Slightly reducing to moderately oxidising |
| | Temperature (°C) | 23.0 | 29.1 | - |
| | pH | 4.11 | 7.95 | Acidic to neutral |

### 5.3.3 Surface Water Analytical Results

The surface water analytical results have been compared against the adopted screening criteria, with the analytical results presented in **Table C-2**, **Appendix C**. Concentrations of Sum PFHxS+PFOS and PFOA have been shown on **Figure 11** and **Figure 12**. Based on review of analytical results:

- Concentrations of PFOS in 24 out of 44 samples exceeded freshwater (95 % species protection) criteria. In 34 out of 44 samples there was an exceedance of freshwater (99 % species protection) criteria.
- Concentrations of PFOA in 2 out of 44 samples exceeded drinking water criteria.
- Concentrations of PFOS+PFHxS in 27 out of 44 samples exceeded drinking water criteria.
- Concentrations of PFOS+PFHxS in 10 out of 44 samples exceeded recreational water criteria.
- No other exceedances were identified.

The following **Table 5-4** presents a comparison between surface water analytical results reported for the October / November 2024 and available historical data. The surface water data has been presented with the available historical data in **Table C-5** in **Appendix C**.

**Table 5-4: Summary of Comparison with Historical Surface Water Data**

| Aspect | PFOA (µg/L) | PFOS (µg/L) | PFHxS+PFOS (µg/L) |
|---|---|---|---|
| First-time Detection<br>*(detection)* | None | SW043 *(0.03)* | SW043 *(0.04)* |
| First-time Ecological Criteria Exceedance<br>*(detection)* | None | SW043 *(0.03)* | None |
| First-time Human Health Exceedance<br>*(detection)* | None | None | None |
| New Historical Minimum<br>*(historical minimum / new minimum)* | SW021 *(0.28 / 0.23)*<br>SW056 *(0.08 / 0.05)* | None | SW045 *(0.01 / below LOR)* |
| New Historical Maximum | SW038 *(0.05 / 0.07)* | SW018 *(0.12 / 0.34)*<br>SW020 *(0.14 / 0.52)*<br>SW038 *(0.62 / 0.98)*<br>SW043 *(below LOR / 0.03)* | SW018 *(0.22 / 0.51)*<br>SW020 *(0.23 / 0.77)*<br>SW038 *(0.97 / 1.56)*<br>SW043 *(below LOR / 0.04)* |

| Aspect | PFOA (µg/L) | PFOS (µg/L) | PFHxS+PFOS (µg/L) |
|---|---|---|---|
| *(historical maximum / new maximum)* | | SW064 *(1.43 / 1.44)* | |

## 5.4 Sediment

### 5.4.1 Sediment Monitoring Access

The sediment monitoring locations were accessible during the sampling event, with the exception of two sample locations. Sediment monitoring location SD033 was inaccessible due to Base operations, whilst monitoring location SD040 was inaccessible due to unsafe access conditions.

### 5.4.2 Sediment Field Observations

No visible or olfactory indications of contamination were observed during the sediment sampling. Sediment logging is presented as **Table B-4**, **Appendix B**.

### 5.4.3 Sediment Analytical Results

The sediment analytical summary tables for the October / November 2024 monitoring event have been presented in **Table C-3**, with comparison against available historical data included in **Table C-6**, in **Appendix C**. Concentrations of Sum PFHxS+PFOS and PFOA have been shown on **Figure 13** and **Figure 14**.

The following **Table 5-5** presents a comparison between sediment analytical results reported for the October / November 2024 monitoring event and available historical data.

**Table 5-5: Summary of Comparison with Historical Sediment Data**

| Aspect | PFOA (mg/kg) | PFOS (mg/kg) | PFHxS+PFOS (mg/kg) |
|---|---|---|---|
| October / November 2024 | | | |
| First-time Detection<br>*(detection)* | SD018 *(0.0001)*<br>SD100 *(0.0001)* | None | None |
| New Historical Minimum<br>*(historical minimum / new minimum)* | None | None | None |
| New Historical Maximum<br>*(historical maximum / new maximum)* | None | SD038 *(0.0212 / 0.029)*<br>SD043 *(0.0003 / 0.0005)*<br>SD053 *(0.035 / 0.045)* | SD038 *(0.0229 / 0.0329)*<br>SD043 *(0.0003 / 0.0005)*<br>SD053 *(0.0403 / 0.0477)* |

# 6. Conclusions

The OMP October / November 2024 sampling event was completed in general accordance with the SAQP. The observations, information and data collected as part of the sampling event have been documented in this SER and have been summarised in the table below.

**Table 6-1: Summary of October / November 2024 Sampling Event**

| Aspect | Detail |
|---|---|
| SAQP | This OMP round was completed in general accordance with the SAQP, with the exception of the deviations specified in **Section 2.2**, including:<br>• Five additional groundwater wells were sampled. These represented replacement wells installed in 2024.<br>• One monitoring well location (MW309) was not sampled due to a damaged gatic cover.<br>• Data logger retrieval not completed due to removal of data loggers.<br>• Five surface water monitoring locations not sampled, with four due to dry conditions and one location not sampled due to Base operations.<br>• Two sediment monitoring locations not sampled due to access restrictions (i.e. Base operations / unsafe conditions).<br>The deviations noted above are not considered to impact achieving the objective of the OMP, with the exception of MW309, where a damaged gatic cover meant that this location could not be sampled. This is considered to have a moderate impact on achieving the objective of the OMP due to the spatial coverage of the monitoring network being reduced within the central portion of the Base, particularly given the proximity to legacy contamination source areas. Notwithstanding, groundwater monitoring wells are located downgradient of the target source area. This should be considered in the update to the OMP, with repair of the damaged gatic cover recommended. |
| Screening Criteria | The PFAS screening criteria identified in **Section 3** were adopted in consideration of current guidance. |
| Groundwater Sampling Program | Access was obtained to all groundwater monitoring locations, with the exception of one well which could not be sampled due to a damaged gatic cover.<br>A total of 44 primary groundwater samples were collected. Concentrations of PFOS, Sum of PFOS+PFHxS, and PFOA were consistent with previous monitoring rounds, with the exception of:<br>• Two first time detections for PFOA and one for PFOS, including a first-time ecological exceedance.<br>• Three new maximums reported for PFOA, four for PFOS, and two for PFOS+PFHxS.<br>• Six new minimums for PFOA, five for PFOS, and seven for PFOS+PFHxS. |
| Surface Water Sampling Program | Access was obtained to all surface water monitoring locations, except for one location which could not be accessed due to Base activities. A total of four locations were identified to be dry.<br>A total of 44 primary surface water samples were collected. Concentrations of PFOS, Sum of PFOS+PFHxS, and PFOA were consistent with previous monitoring rounds, with the exception of: |

| Aspect | Detail |
|---|---|
| | • One first time detection for PFOS, including a first time ecological criteria exceedance, and one first time detection for Sum of PFOS+PFHxS.<br>• One new maximum for PFOA, five for PFOS, and four for Sum of PFOS+PFHxS.<br>• Two new minimums for PFOA and one for Sum of PFOS+PFHxS. |
| Sediment Sampling Program | Access was obtained to all sediment monitoring locations, except for one location which could not be accessed due to unsafe conditions and one location which could not be accessed due to Base activities.<br>A total of 47 primary sediment samples were collected. Concentrations of PFOS, Sum of PFOS+PFHxS, and PFOA were consistent with previous monitoring rounds, with the exception of:<br>• Two first time detections for PFOA.<br>• Three new maximums for PFOS and Sum of PFOS+PFHxS. |
| Next Scheduled Event | The next OMP sampling event is scheduled for April 2025. |

# 7. References


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# Appendix A Figures

**Figure 1: Site Location**

**Figure 2: Surface Water Catchments**

**Figure 3: Groundwater Monitoring Well Locations**

**Figure 4: Surface Water and Sediment Sample Locations**

**Figure 5: Groundwater Contours, Alluvium / Tertiary Formation**

**Figure 6: Groundwater Elevations, Walloon Coal Measures**

**Figure 7: Sum PFHxS + PFOS Concentrations, Alluvium / Tertiary Formation**

**Figure 8: Sum PFHxS + PFOS Concentrations, Walloon Coal Measures**

**Figure 9: PFOA Concentrations, Alluvium / Tertiary Formation**

**Figure 10: PFOA Concentrations, Walloon Coal Measures**

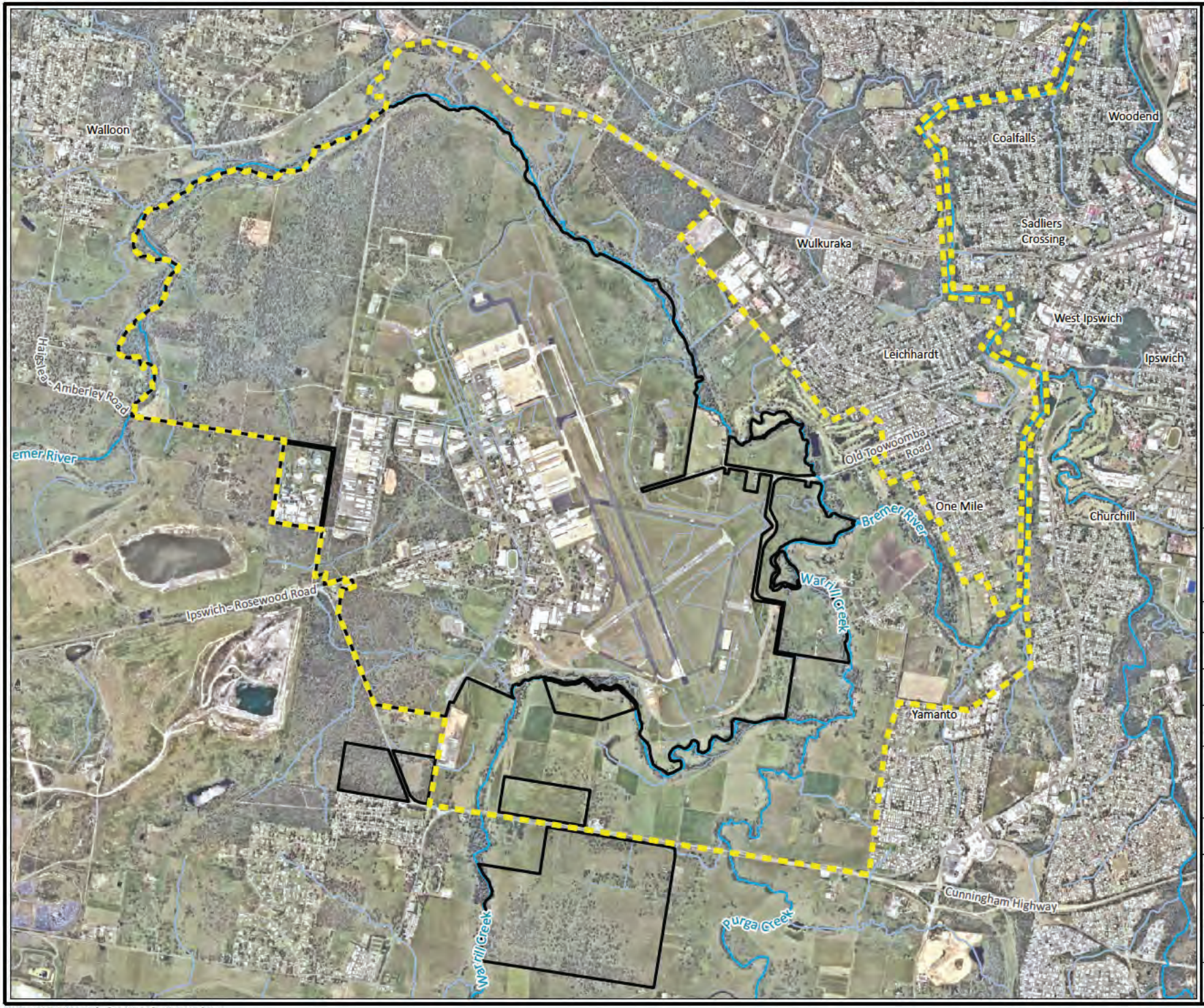
**Figure 11: Sum PFHxS + PFOS Concentrations in Surface Water**

**Figure 12: PFOA Concentrations in Surface Water**

**Figure 13: Sum PFHxS + PFOS Concentrations in Sediment**

**Figure 14: PFOA Concentrations in Sediment**

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**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Approximate RAAF Base Amberley Boundary

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Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

0 2,500 5,000

metres

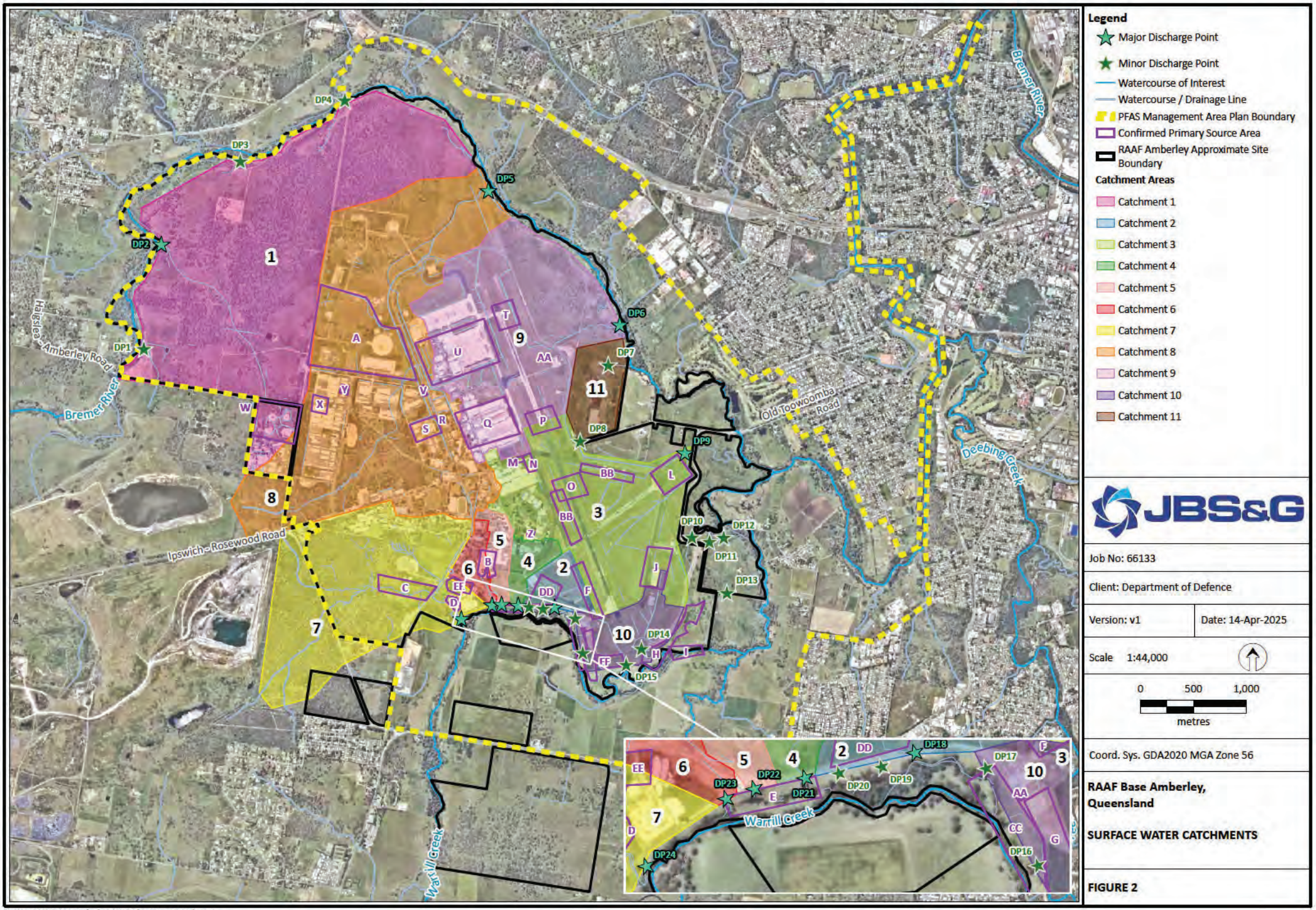
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

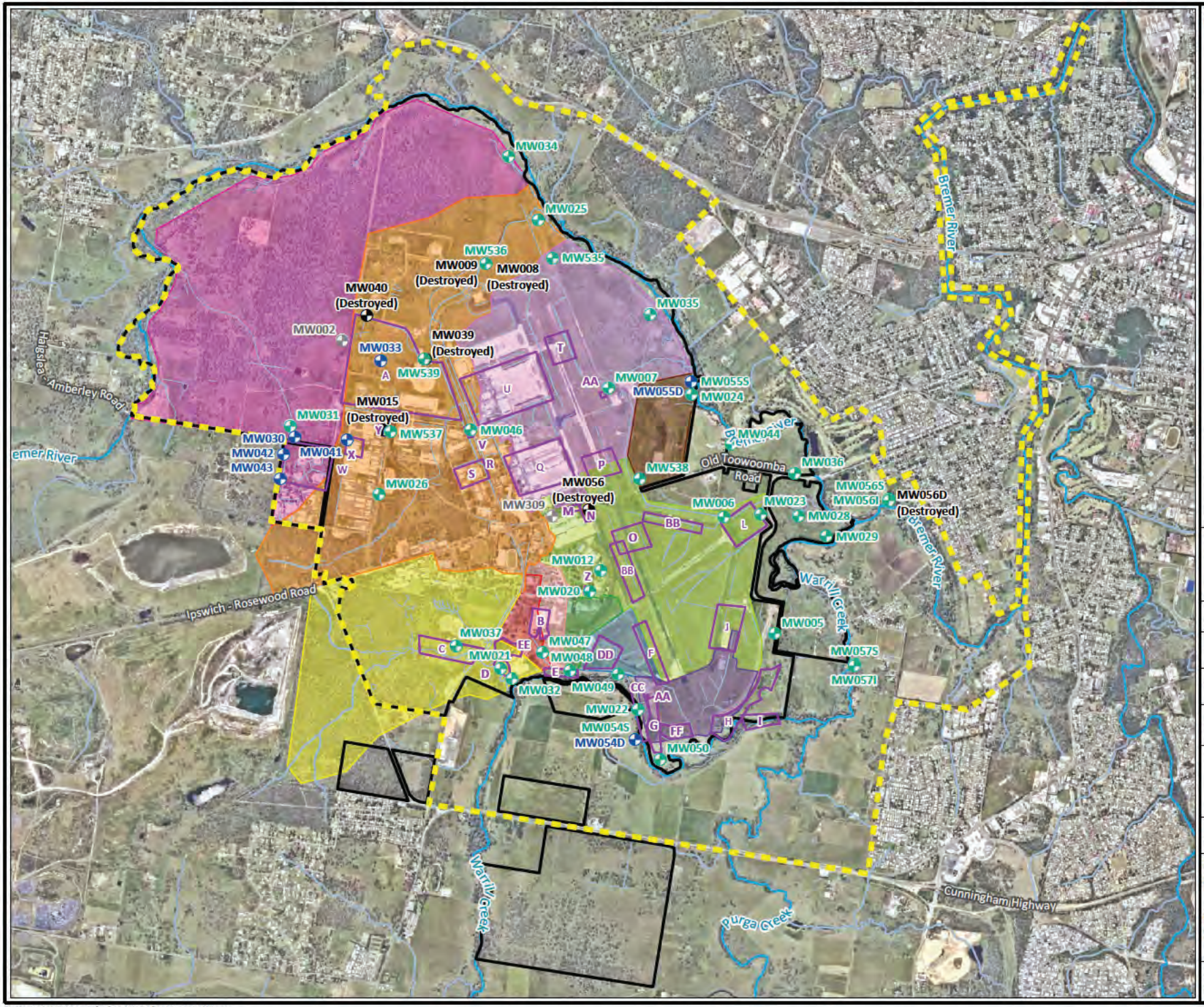
**SITE LOCATION**

**FIGURE 1**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_01_SiteLoc
Reference: www.nearmap.com - Imagery Date: 03/06/2024




Name: 66133_RAAF_Amberley_SER_v1/ 66133_02_Catchments
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- Tertiary Formation / Alluvium
- Walloon Coal Measures
- Not Sampled
- Destroyed

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

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Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

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metres

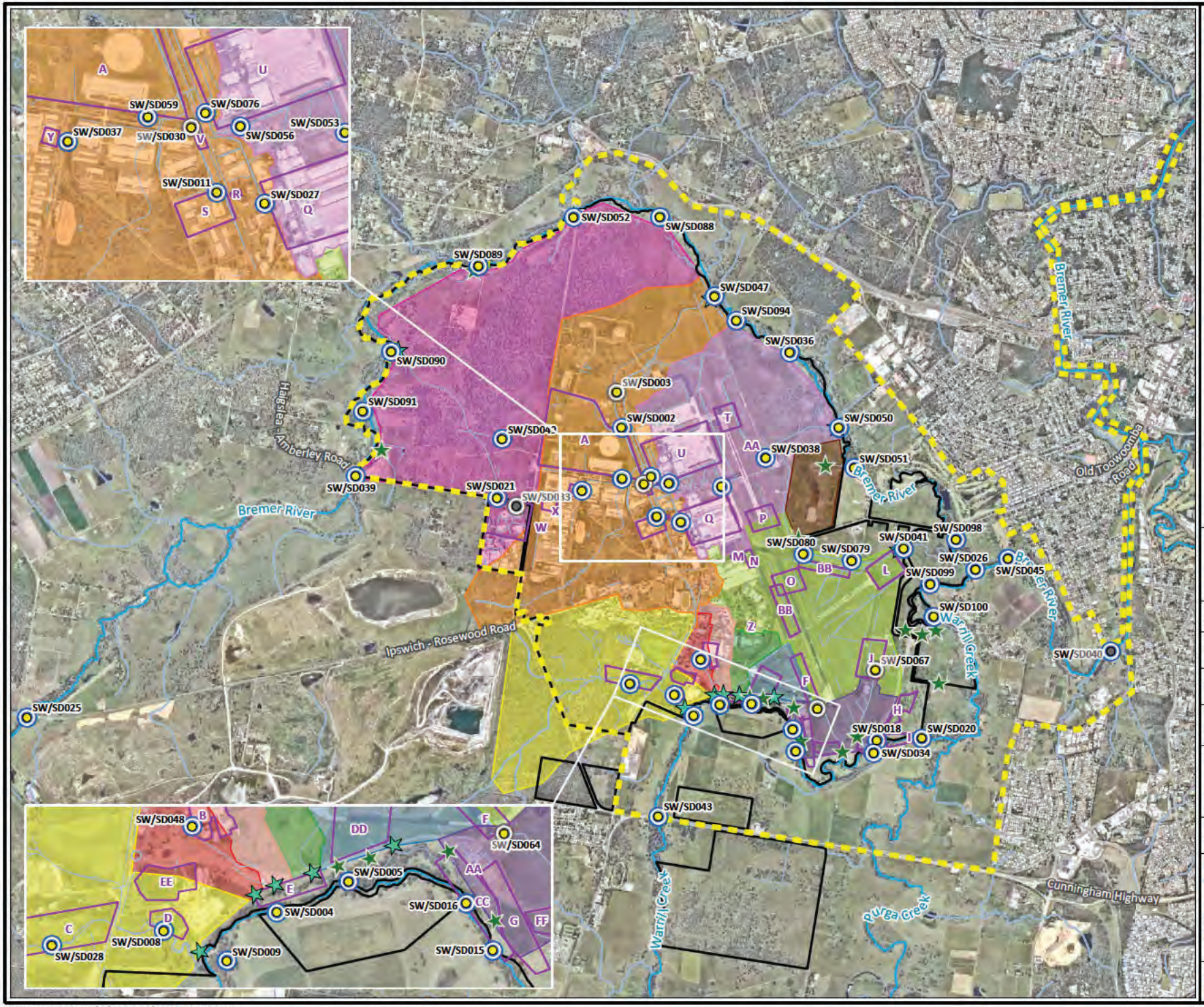
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER MONITORING WELL LOCATIONS**

**FIGURE 3**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_03_GWLocs
Reference: www.nearmap.com - Imagery Date: 03/06/2024




## Legend

- Major Discharge Point
- Minor Discharge Point
- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Sediment / Surface Water Sample Location**

- Sediment Location
- Sediment Location (Not Sampled)
- Surface Water Location
- Surface Water Location (Not Sampled)

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:51,000

0 1,000 2,000

metres

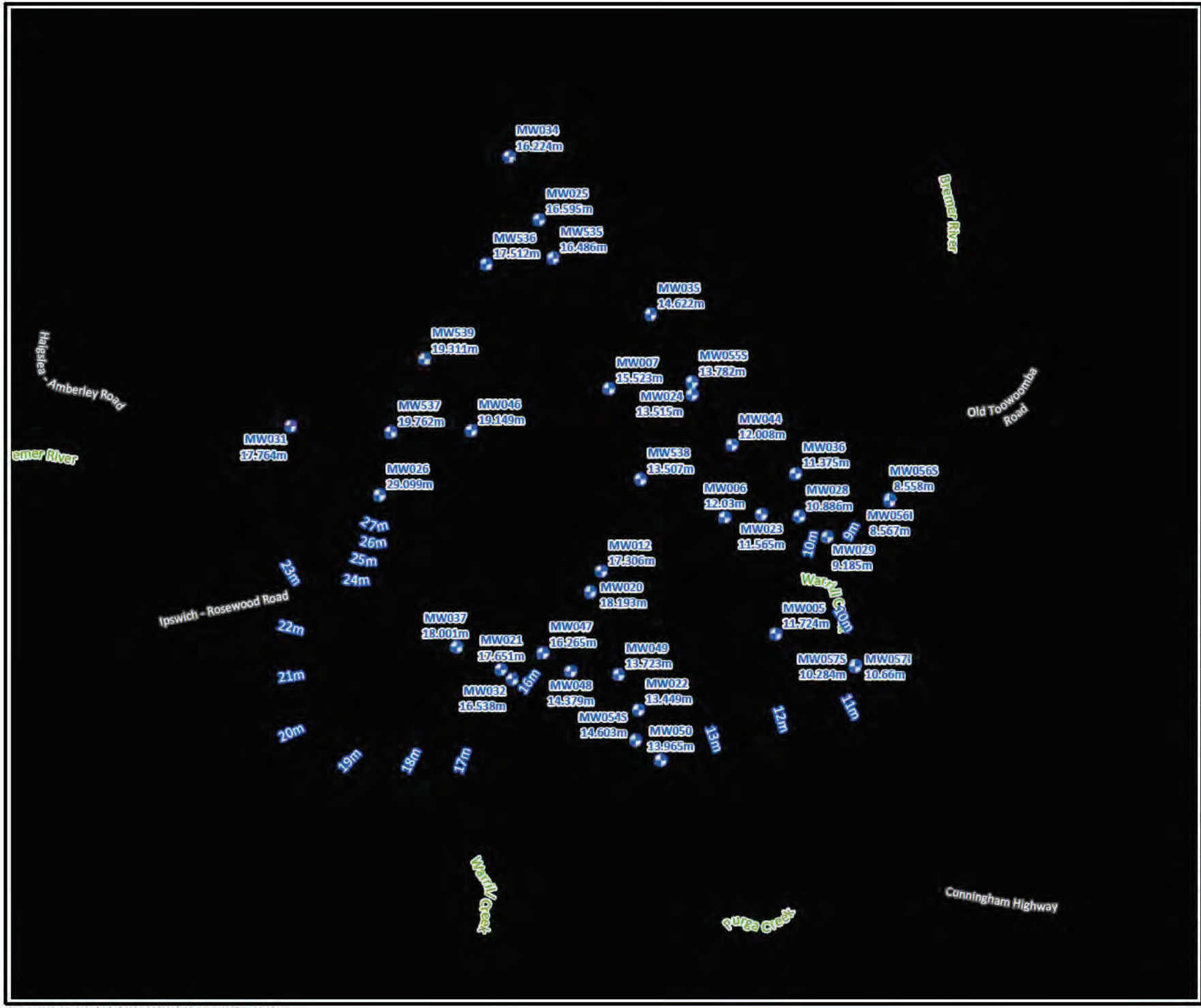
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SURFACE WATER AND SEDIMENT SAMPLE LOCATIONS**

**FIGURE 4**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_04_SWSDLocs
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- Inferred Groundwater Contour (mAHD)
- Inferred Groundwater Flow Direction
- PFAS Management Area Plan Boundary
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- RWL indicated (mAHD)

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

0 500 1,000

metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER CONTOURS, ALLUVIUM / TERTIARY FORMATION (OCTOBER & NOVEMBER, 2024)**

**FIGURE 5**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_05_GWContAlluTertOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- RWL indicated (mAHD)
- RWL unknown

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

0 500 1,000
metres

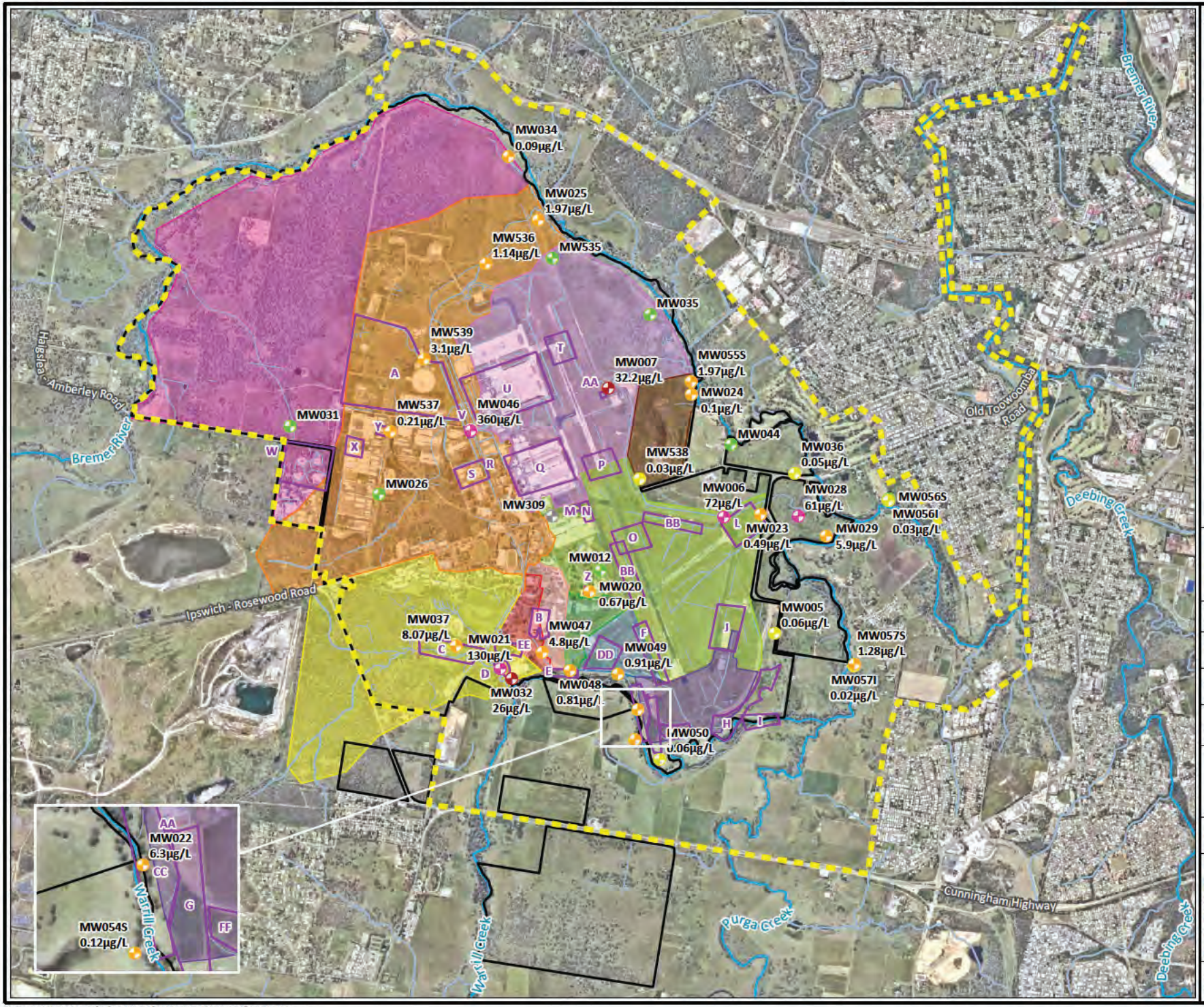
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER ELEVATIONS, WALLOON COAL MEASURES (OCTOBER & NOVEMBER, 2024)**

**FIGURE 6**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_06_GWContWalloonOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




## Legend

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***Sum of PFHxS & PFOS Concentration***

- >50 µg/L
- 10 - 50 µg/L
- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

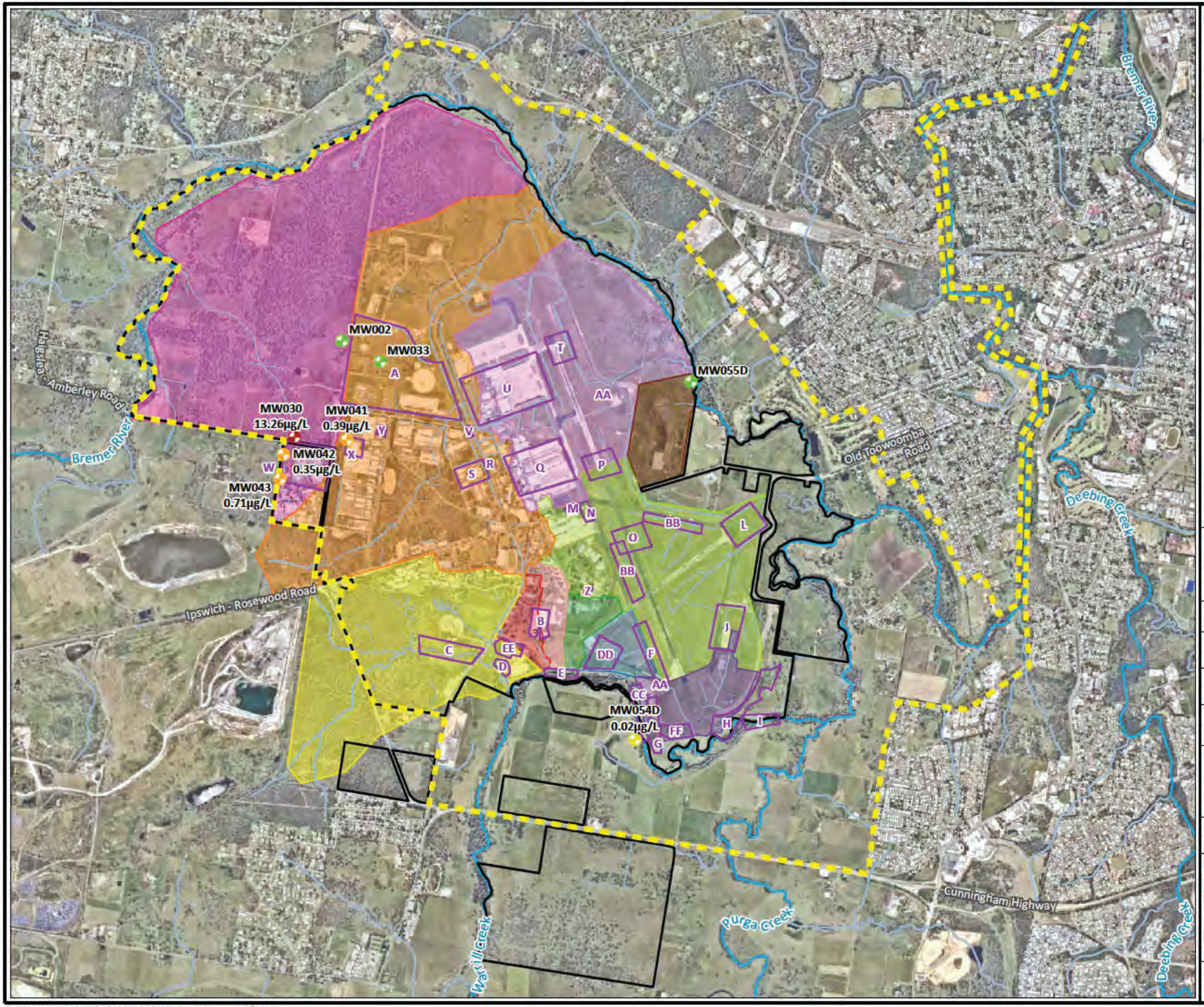
0 500 1,000
metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**
**SUM OF PFHxS & PFOS GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (OCTOBER & NOVEMBER, 2024)**

**FIGURE 7**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_07_PFHxSPFOSAlluTertOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***Sum of PFHxS & PFOS Concentration***

- 10 - 50 µg/L
- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

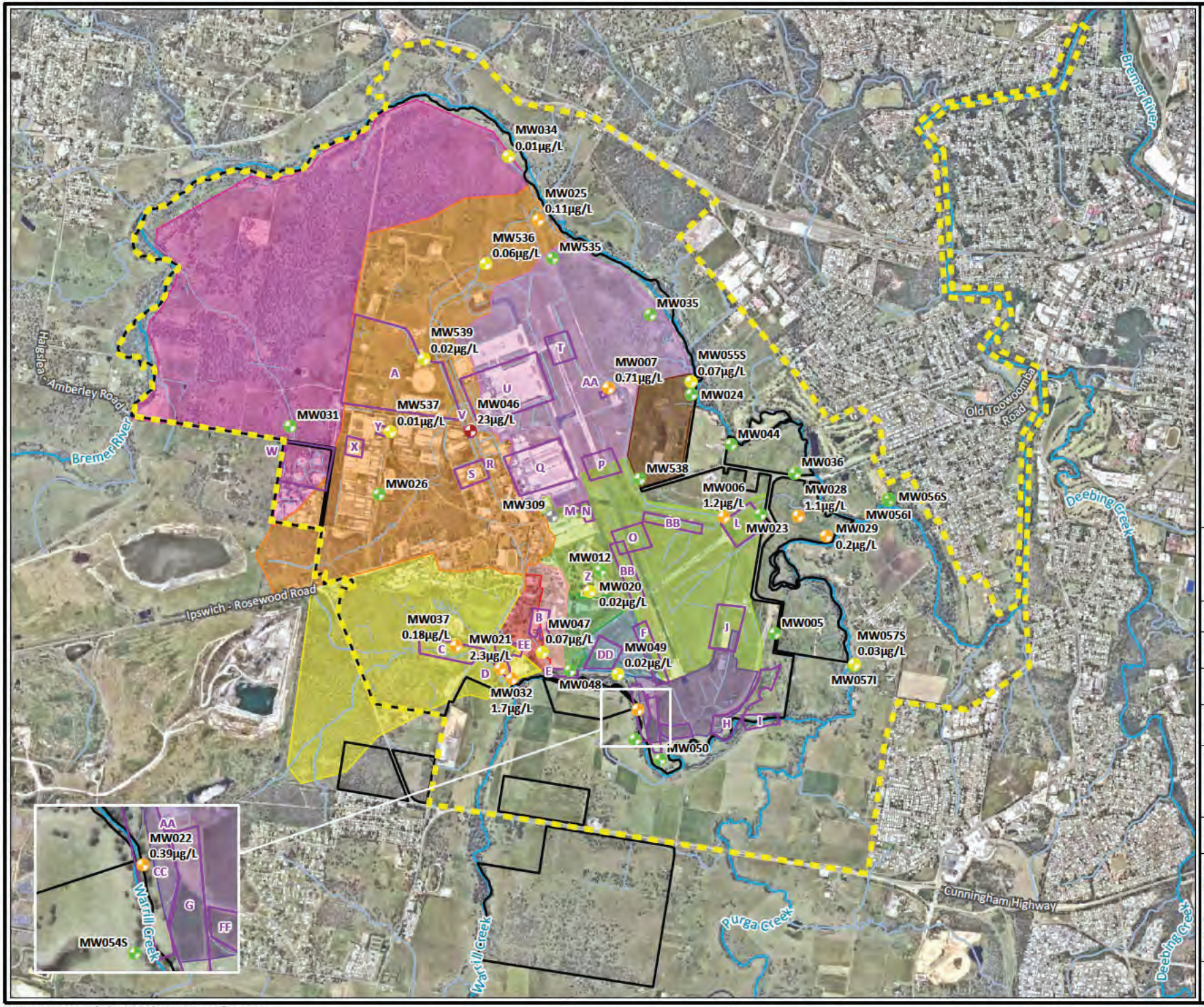
0 500 1,000
metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**
**SUM OF PFHxS & PFOS GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (OCTOBER & NOVEMBER, 2024)**

**FIGURE 8**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_08_PFHxSPFOSWalloonOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOA Concentration***

- 10 - 50 µg/L
- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

0 500 1,000
metres

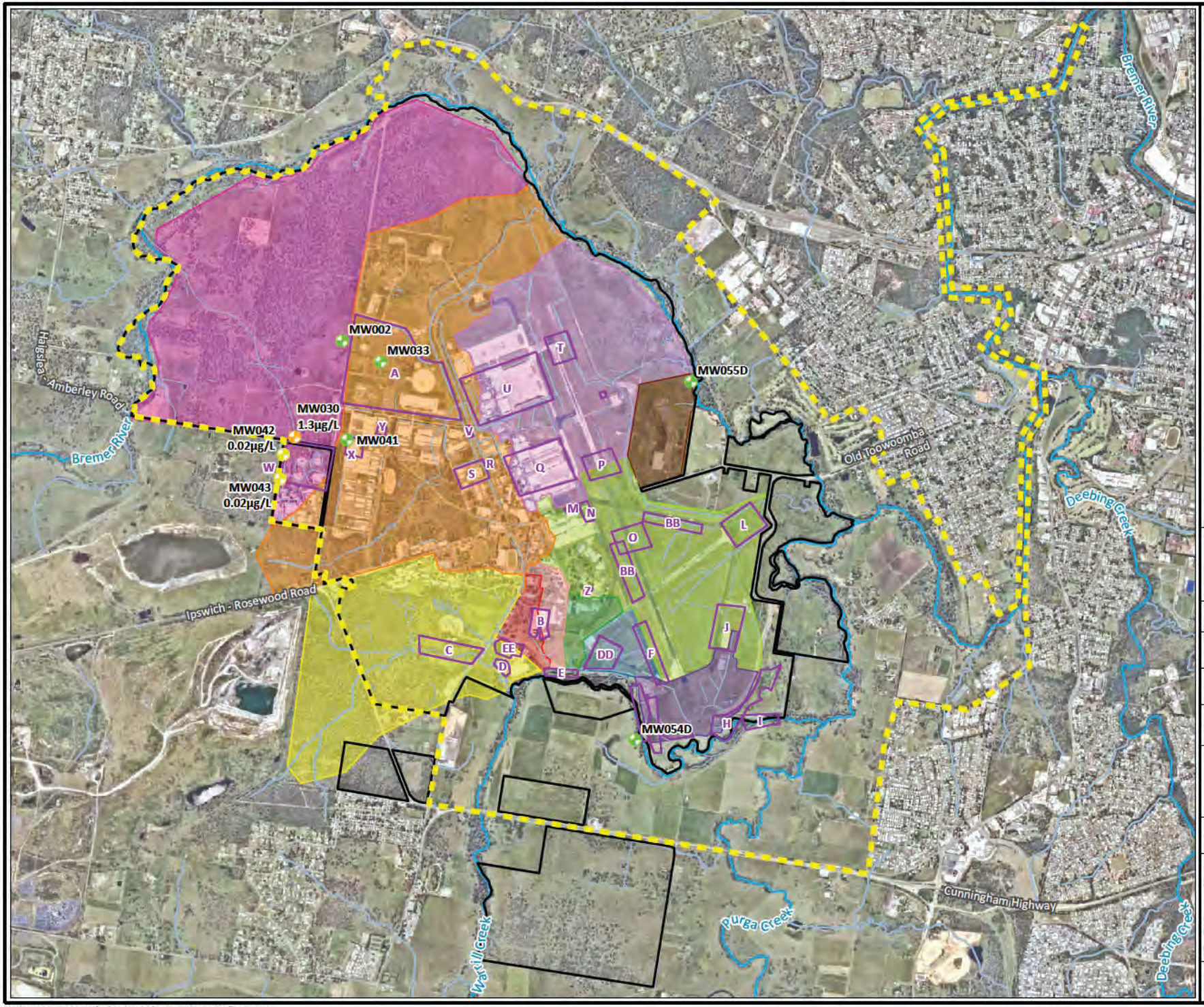
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (OCTOBER & NOVEMBER, 2024)**

**FIGURE 9**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_09_PFOAAlluTertOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOA Concentration***

- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:44,000

0 500 1,000
metres

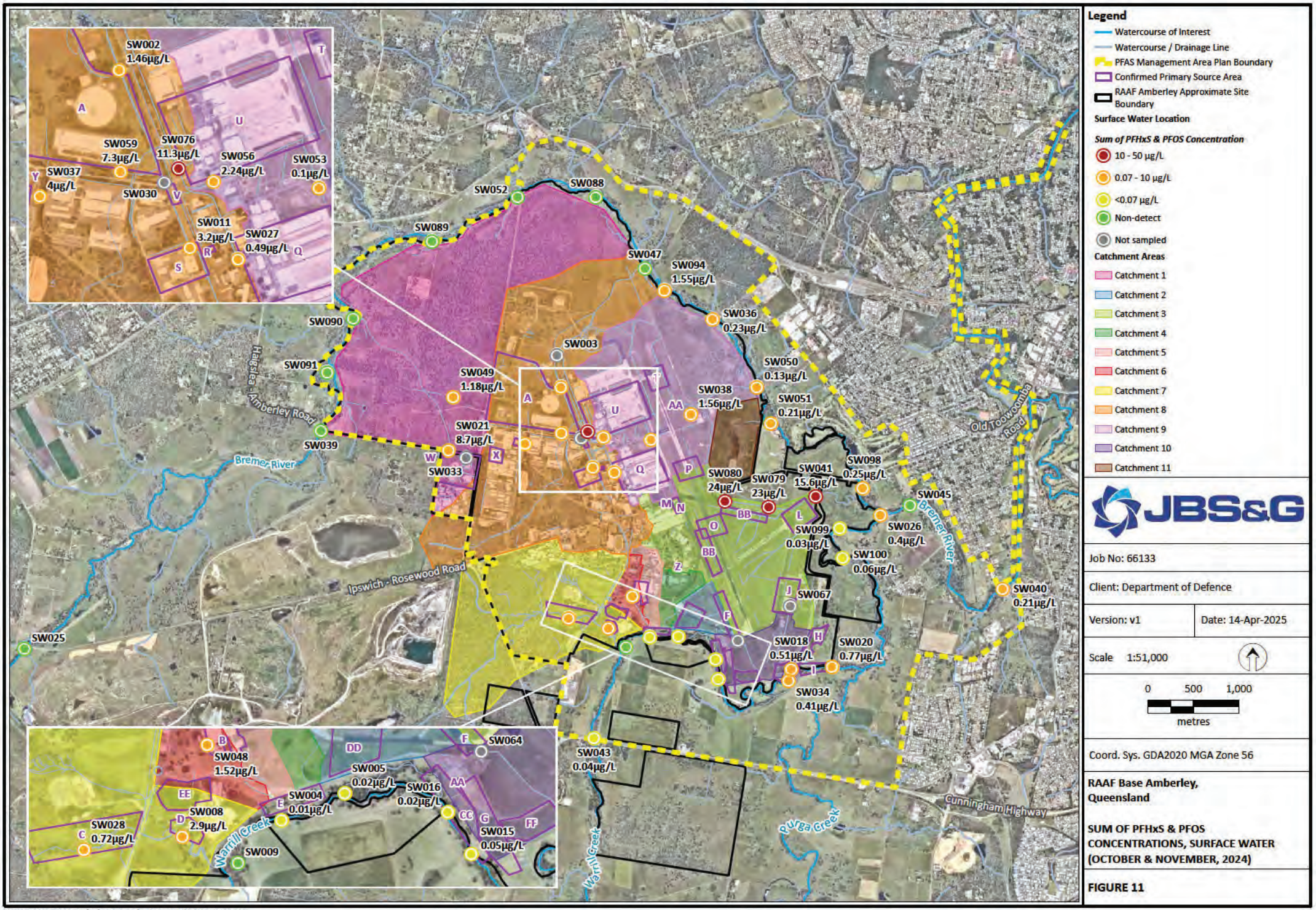
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (OCTOBER & NOVEMBER, 2024)**

**FIGURE 10**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_10_PFOAWalloonOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




## Legend

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***Sum of PFHxS & PFOS Concentration***

- 10 - 50 µg/L
- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:51,000

0 500 1,000
metres

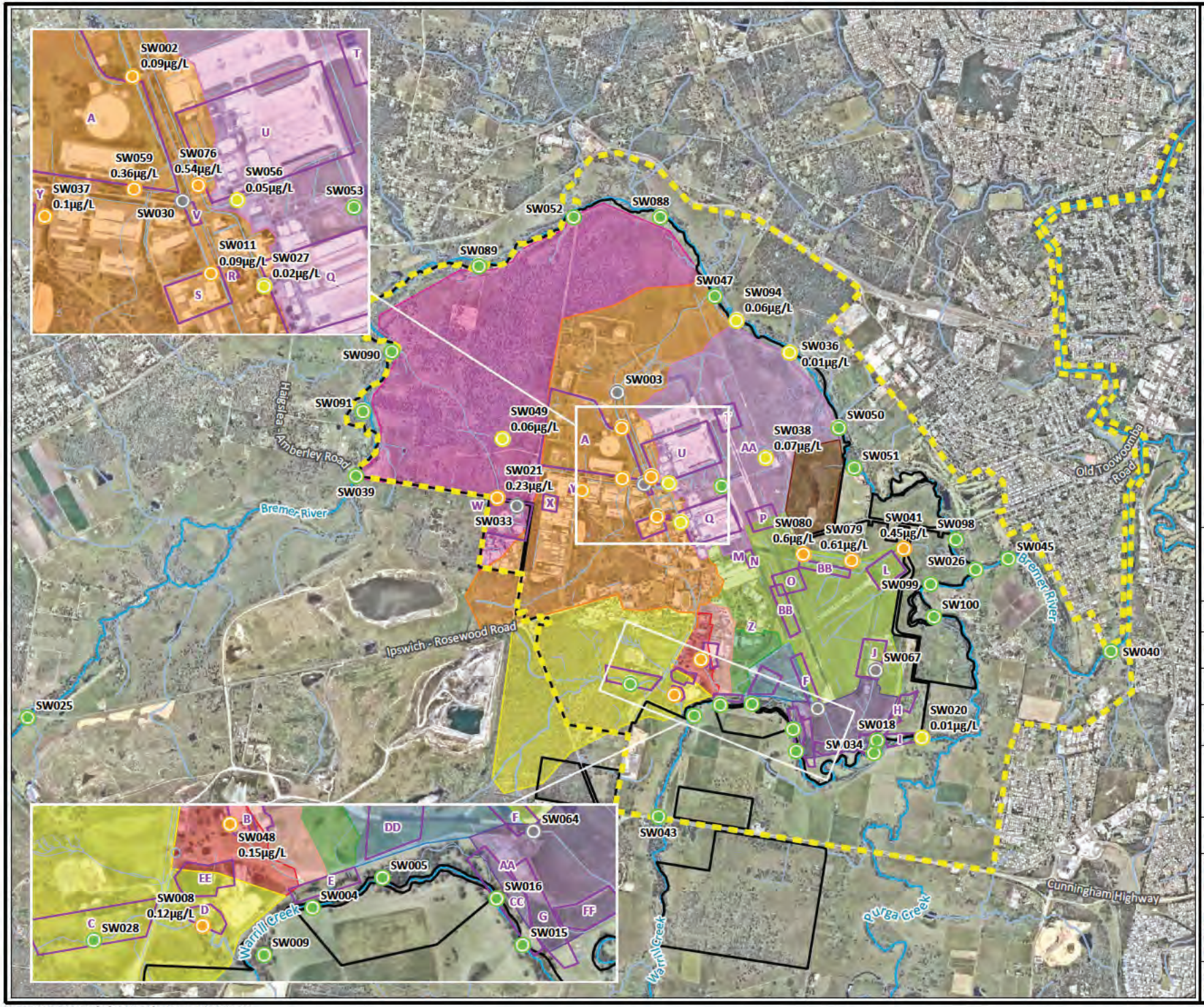
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SUM OF PFHxS & PFOS CONCENTRATIONS, SURFACE WATER (OCTOBER & NOVEMBER, 2024)**

**FIGURE 11**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_11_SWPFHxSPFOSOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




## Legend

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***PFOA Concentration***

- 0.07 - 10 µg/L
- <0.07 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:51,000

0 500 1,000
metres

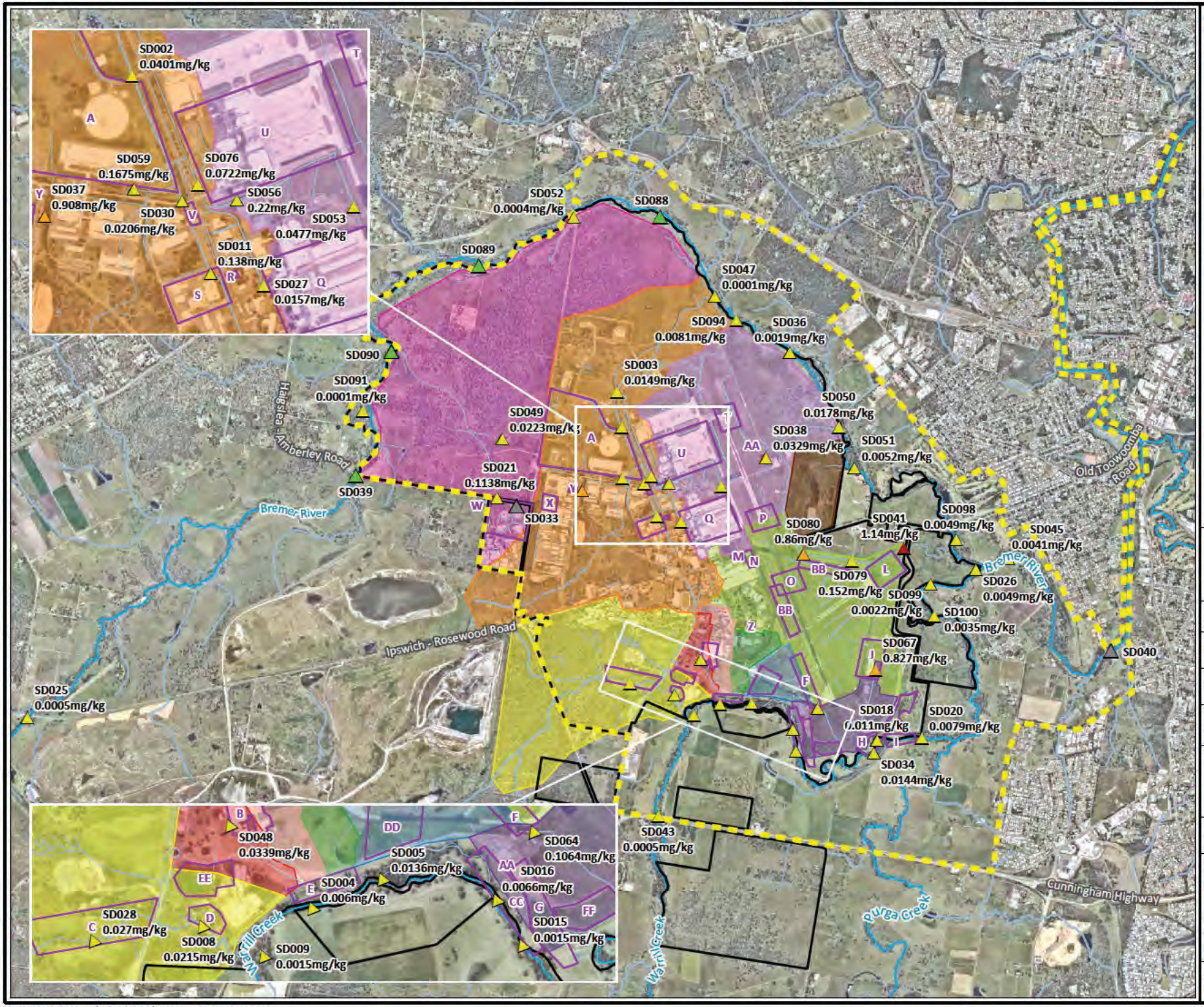
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA CONCENTRATIONS, SURFACE WATER (OCTOBER & NOVEMBER, 2024)**

**FIGURE 12**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_12_SWPFOAOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Sediment Sample Location**

***Sum of PFHxS & PFOS Concentration***

- 1 - 10 mg/kg
- 0.3 - 1 mg/kg
- <0.3 mg/kg
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:51,000

0 500 1,000
metres

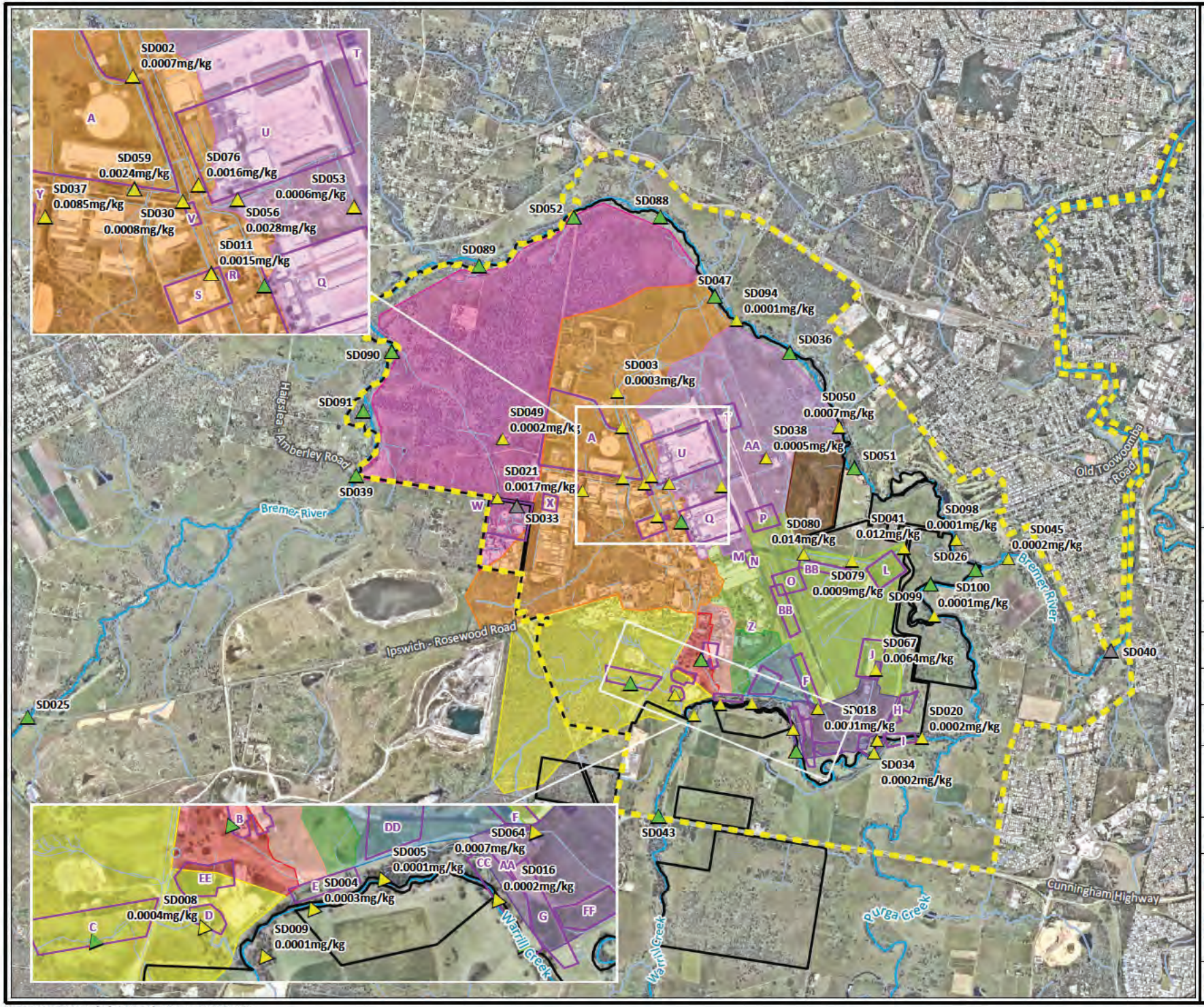
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SUM OF PFHxS & PFOS CONCENTRATIONS, SEDIMENT (OCTOBER & NOVEMBER, 2024)**

**FIGURE 13**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_13_SDPFHxSPFOSOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Sediment Sample Location**

***PFOA Concentration***

- <0.3 mg/kg
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: v1 | Date: 14-Apr-2025

Scale 1:51,000

0 500 1,000
metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA CONCENTRATIONS, SEDIMENT (OCTOBER & NOVEMBER, 2024)**

**FIGURE 14**

Name: 66133_RAAF_Amberley_SER_v1/ 66133_14_SDPFOAOct24
Reference: www.nearmap.com - Imagery Date: 03/06/2024

# Appendix B Physical Parameters

**Table B-1: Groundwater Gauging Data**

**Table B-2: Groundwater Field Parameters**

**Table B-3: Surface Water Field Parameters**

**Table B-4: Sediment Logs**

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## TABLE B-1: Groundwater Gauging

| Property ID | Well ID | Gauged Date | Aquifer | CPSA / Area of Concern | Screen depth (m) | Well Depth (mbtoc) | Depth to Water (mbtoc) | TOC Elevation (mAHD) | Ground- water Elevation (mAHD) | Condition of Well |
|---|---|---|---|---|---|---|---|---|---|---|
| 0861 | MW002 | 21/10/2024 | Walloon Coal Measures | CPSA A | 16.7-23.7 | 24.320 | 17.128 | Unknown | Unknown | Good |
| 0861 | MW005 | 21/10/2024 | Alluvium | CPSA J | 13.0-17.0 | 17.901 | 15.001 | 26.725 | 11.724 | Good |
| 0861 | MW006 | 05/11/2024 | Alluvium | CPSA M | 10.3-14.3 | 13.440 | 9.907 | 21.937 | 12.030 | Damaged |
| 0861 | MW007 | 05/11/2024 | Alluvium | CPSA AA | 6.0-10.0 | 10.776 | 7.685 | 23.208 | 15.523 | Good |
| 0861 | MW012 | 23/10/2024 | Tertiary Formation | CPSA BB | 12.5-17.5 | 16.119 | 8.869 | 26.175 | 17.306 | Good |
| 0861 | MW020 | 23/10/2024 | Tertiary Formation | CPSA Z | 23.5-16.5 | 16.549 | 8.850 | 27.043 | 18.193 | Good |
| 0861 | MW021 | 23/10/2024 | Alluvium | CPSA D | 2.5-6.0 | 5.765 | 3.069 | 20.720 | 17.651 | Good |
| 0861 | MW022 | 05/11/2024 | Alluvium | CPSA CC | 4.0-9.0 | 9.665 | 6.201 | 19.650 | 13.449 | Good |
| 0861 | MW023 | 05/11/2024 | Alluvium | CPSA M | 7.8-11.8 | 13.060 | 8.945 | 20.510 | 11.565 | Damaged |
| 0861 | MW024 | 23/10/2024 | Alluvium | On-base Bremer River | 7.0-11.0 | 12.012 | 7.435 | 20.950 | 13.515 | Good |
| 0861 | MW025 | 23/10/2024 | Alluvium | On-base Bremer River | 7.4-11.4 | 12.252 | 8.825 | 25.420 | 16.595 | Good |
| 0861 | MW026 | 22/10/2024 | Tertiary Formation | CPSA W | 14.5-17.5 | 12.266 | 11.141 | 40.240 | 29.099 | Good |
| 0861 | MW028 | 23/10/2024 | Alluvium | CPSA M | 10.5-14.5 | 14.104 | 9.944 | 20.830 | 10.886 | Good |
| 0861 | MW029 | 23/10/2024 | Alluvium | CPSA M | 7.0-10.0 | 10.843 | 9.045 | 18.230 | 9.185 | Good |
| 0861 | MW030 | 21/10/2024 | Walloon Coal Measures | CPSA W | 17.0-21.0 | 21.951 | 15.320 | 35.840 | 20.520 | Good |
| 0861 | MW031 | 21/10/2024 | Tertiary Formation | CPSA W | 14.5-20.5 | 18.524 | 15.686 | 33.450 | 17.764 | Good |
| 0861 | MW032 | 21/10/2024 | Alluvium | CPSA D | 8.0-14.0 | 14.610 | 9.742 | 26.280 | 16.538 | Good |
| 0861 | MW033 | 22/10/2024 | Walloon Coal Measures | CPSA A | 29.0-33.0 | 34.841 | 23.710 | 42.456 | 18.746 | Good |
| 0861 | MW034 | 21/10/2024 | Alluvium | On-base Bremer River | 5.0-10.0 | 10.655 | 8.081 | 24.305 | 16.224 | Damaged |
| 0861 | MW035 | 04/11/2024 | Alluvium | On-base Bremer River | 8.0-13.5 | 14.647 | 10.377 | 24.999 | 14.622 | Damaged |
| 0861 | MW036 | 23/10/2024 | Alluvium | CPSA M | 10.2-15.2 | 15.053 | 12.665 | 24.040 | 11.375 | Good |
| 0861 | MW037 | 21/10/2024 | Alluvium | CPSA C | 5.0-10.0 | 10.942 | 7.218 | 25.219 | 18.001 | Damaged |
| 0861 | MW041 | 22/10/2024 | Walloon Coal Measures | CPSA X | 11.5-14.5 | 14.989 | 9.884 | 46.383 | 36.499 | Good |
| 0861 | MW042 | 22/10/2024 | Walloon Coal Measures | CPSA W | 24.0-30.0 | 29.381 | 21.799 | 40.036 | 18.237 | Good |
| 0861 | MW043 | 22/10/2024 | Walloon Coal Measures | CPSA W | 18.0-21.0 | 20.712 | 11.190 | 49.182 | 37.992 | Good |
| 0861 | MW044 | 23/10/2024 | Alluvium | On-base Bremer River | 8.0-11.0 | 11.195 | 8.303 | 20.311 | 12.008 | Good |
| 0861 | MW046 | 22/10/2024 | Tertiary Formation | CPSA V | 8.2-11.2 | 10.255 | 6.852 | 26.001 | 19.149 | Good |
| 0861 | MW047 | 21/10/2024 | Tertiary Formation | CPSA B | 10.5-13.5 | 13.131 | 10.000 | 26.265 | 16.265 | Good |
| 0861 | MW048 | 23/10/2024 | Alluvium | CPSA E | 7.5-10.5 | 10.341 | 8.729 | 23.108 | 14.379 | Good |
| 0861 | MW049 | 23/10/2024 | Alluvium | CPSA DD | 7.5-10.5 | 10.412 | 8.321 | 22.044 | 13.723 | Good |
| 0861 | MW050 | 22/10/2024 | Alluvium | CPSA G | 11.5-14.5 | 14.413 | 10.352 | 24.317 | 13.965 | Good |
| 0861 | MW054D | 07/11/2024 | Walloon Coal Measures | Off-base Warril Creek | 18.0-21.1 | 20.735 | 5.621 | 20.454 | 14.833 | Good |
| 0861 | MW054S | 07/11/2024 | Alluvium | Off-base Warril Creek | 4.0-7.1 | 6.912 | 5.777 | 20.380 | 14.603 | Good |
| 0861 | MW055D | 23/10/2024 | Walloon Coal Measures | On-base Bremer River | 28.0-34.0 | 34.382 | 7.866 | 22.196 | 14.330 | Good |
| 0861 | MW055S | 23/10/2024 | Alluvium | On-base Bremer River | 9.0-12.0 | 11.856 | 8.358 | 22.140 | 13.782 | Good |
| 0861 | MW056I | 07/11/2024 | Tertiary Formation | Off-base Bremer River | 15.0-18.0 | 17.890 | 6.195 | 14.762 | 8.567 | Good |
| 0861 | MW056S | 06/11/2024 | Alluvium | Off-base Bremer River | 6.5-9.5 | 9.446 | 6.520 | 15.078 | 8.558 | Good |
| 0861 | MW057I | 05/11/2024 | Tertiary Formation | Off-base Warril Creek | 12.5-15.5 | 15.442 | 5.834 | 16.494 | 10.660 | Good |
| 0861 | MW057S | 05/11/2024 | Alluvium | Off-base Warril Creek | 5.5-8.5 | 8.395 | 6.195 | 16.479 | 10.284 | Good |
| 0861 | MW535 | 23/10/2024 | Alluvium | CPSA A | 8.5-13.5 | 14.323 | 8.845 | 25.331 | 16.486 | Good |
| 0861 | MW536 | 22/10/2024 | Alluvium | CPSA A | 6.5-10.5 | 11.279 | 7.658 | 25.170 | 17.512 | Good |
| 0861 | MW537 | 22/10/2024 | Tertiary Formation | CPSA Y | 15-19 | 19.275 | 15.019 | 34.781 | 19.762 | Good |
| 0861 | MW538 | 23/10/2024 | Alluvium | CPSA A | 13.5-17 | 18.354 | 11.711 | 25.218 | 13.507 | Good |
| 0861 | MW539 | 22/10/2024 | Tertiary Formation | CPSA A | 12-15 | 15.622 | 10.977 | 30.288 | 19.311 | Good |

# TABLE B-2: Groundwater Field Parameters

| Property ID | Well ID | Hydrasleeve Install Date | Hydrasleeve Installation Depth (mBTOC) | Sample Date | Aquifer | CPSA / Area of Concern | Screen depth (m) | Well Depth (mbtoc) | Depth to Water (mbtoc) | TOC Elevation (mAHD) | Ground- water Elevation (mAHD) | Condition of Well | DO (mg/L) | EC (µS/cm) | pH | Er (mV) | Eh (mV) | Temp (°C) | Turbidity | Water Colour | Odour | Sheen | Sample Method / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0861 | MW002 | 21/10/2024 | 22.50 | 29/10/2024 | Walloon Coal Measures | CPSA A | 16.7-23.7 | 24.320 | 17.149 | Unknown | Unknown | Good | 2 02 | 13964 | 6.19 | 92.40 | 322.4 | 23 5 | Low-medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW005 | 21/10/2024 | 16.00 | 28/10/2024 | Alluvium | CPSA J | 13.0-17.0 | 17.901 | 15.027 | 26.725 | 11.698 | Good | 8.29** | 2238 | 6.66 | -14.20 | 215.8 | 21 3 | Clear | No colour | Metallic | No sheen | HydraSleeve™ |
| 0861 | MW006 | 5/11/2024 | 12.50 | 06/11/2024 | Alluvium | CPSA M | 10.3-14.3 | 13.440 | 9 915 | 21.937 | 12.022 | Damaged | 3 08 | 1497 | 7.18 | 140.60 | 370.6 | 22 3 | Clear | No colour | No odour | No sheen | HydraSleeve™ |
| 0861 | MW007 | 5/11/2024 | 9.00 | 06/11/2024 | Alluvium | CPSA AA | 6.0-10.0 | 10.776 | 7.702 | 23.208 | 15.506 | Good | 4.83** | 5100 | 6.18 | 96.70 | 326.7 | 23.1 | Clear | No colour | No odour | No sheen | HydraSleeve™ |
| 0861 | MW012 | 23/10/2024 | 15.00 | 28/10/2024 | Ter iary Formation | CPSA BB | 12.5-17.5 | 16.119 | 8 923 | 26.175 | 17.252 | Good | 0 22 | 14300 | 10.06** | -70.60 | 159.4 | 24 8 | Medium | Beige | Metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW020 | 23/10/2024 | 15.00 | 28/10/2024 | Ter iary Formation | CPSA Z | 12.5-16.5 | 16.549 | 8 901 | 27.043 | 18.142 | Good | 8.76** | 18551 | 5.71** | 75.90 | 305.9 | 25 2 | Low | Light grey | Metallic odour | No Sheen | HydraSleeve™ |
| 0861 | MW021 | 23/10/2024 | 4.50 | 01/11/2024 | Alluvium | CPSA D | 2.5-6.0 | 5.765 | 3 095 | 20.720 | 17.625 | Good | 0 23 | 1068 | 9.75** | 195.20 | 425.2 | 22.6 | Medium | Yellow/beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW022 | 5/11/2024 | 8.00 | 06/11/2024 | Alluvium | CPSA CC | 4.0-9.0 | 9.665 | 6 201 | 19.650 | 13.449 | Good | 1.15 | 1320 | 5.1** | -11.60 | 218.4 | 25 2 | Low | No colour | No odour | No sheen | HydraSleeve™ |
| 0861 | MW023 | 5/11/2024 | 11.00 | 06/11/2024 | Alluvium | CPSA M | 7.8-11.8 | 13.060 | 8 944 | 20.510 | 11.566 | Damaged | 0.75 | 6757 | 6.34 | 105.90 | 335.9 | 22 8 | Clear | No colour | No odour | No sheen | HydraSleeve™ |
| 0861 | MW024 | 23/10/2024 | 10.00 | 04/11/2024 | Alluvium | On-base Bremer River | 7.0-11.0 | 12.012 | 7.493 | 20.950 | 13.457 | Good | 0 83 | 3675 | 5.48** | 52.70 | 282.7 | 22.1 | Low | Light beige | Slight metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW025 | 23/10/2024 | 10.50 | 01/11/2024 | Alluvium | On-base Bremer River | 7.4-11.4 | 12.252 | 8 838 | 25.420 | 16.582 | Good | 1 94 | 1106 | 7.89 | 30.00 | 260.0 | 24 0 | Clear | No colour | No odour | No sheen | HydraSleeve™ |
| 0861 | MW026 | 22/10/2024 | 16.00 | 31/10/2024 | Ter iary Formation | CPSA W | 14.5-17.5 | 12.266 | 11.011 | 40.240 | 29.229 | Good | 3.14 | 27740 | 6.58 | 5.20 | 235.2 | 25.3 | High | Brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW028 | 23/10/2024 | 12.50 | 04/11/2024 | Alluvium | CPSA M | 10.5-14.5 | 14.104 | 9 987 | 20.830 | 10.843 | Good | 1.11 | 7020 | 5.57** | 13.70 | 243.7 | 23 2 | Low | Beige | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW029 | 23/10/2024 | 9.00 | 04/11/2024 | Alluvium | CPSA M | 7.0-10.0 | 10.843 | 9 082 | 18.230 | 9.148 | Good | 3.61 | 5432 | 5.4** | 45.10 | 275.1 | 23.1 | Low | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW030 | 21/10/2024 | 19.50 | 01/11/2024 | Walloon Coal Measures | CPSA W | 17.0-21.0 | 21.951 | 15.320 | 35.840 | 20.520 | Good | 3 89 | 21876 | 7.02 | 102.70 | 332.7 | 24 9 | Clear | Light yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW031 | 21/10/2024 | 16.50 | 01/11/2024 | Ter iary Formation | CPSA W | 14.5-20.5 | 18.524 | 15.686 | 33.450 | 17.764 | Good | 2 01 | 15023 | 6.74 | 47.10 | 277.1 | 22 9 | Low | Yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW032 | 21/10/2024 | 12.50 | 28/10/2024 | Alluvium | CPSA D | 8.0-14.0 | 14.610 | 9 830 | 26.280 | 16.450 | Good | 7.71** | 2952 | 6.83 | 54.90 | 284.9 | 22.1 | Low | Light grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW033 | 22/10/2024 | 32.00 | 31/10/2024 | Walloon Coal Measures | CPSA A | 29.0-33.0 | 34.841 | 23.690 | 42.456 | 18.766 | Good | 1.49 | 12232 | 7.07 | 39.80 | 269.8 | 25 2 | Low | Light yellow | Solvent odour | No sheen | HydraSleeve™ |
| 0861 | MW034 | 22/10/2024 | 8.00 | 29/10/2024 | Alluvium | On-base Bremer River | 5.0-10.0 | 10.655 | 8.111 | 24.305 | 16.194 | Damaged | 1.80 | 1766 | 7.37 | 95.30 | 325.3 | 22.4 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW035 | 4/11/2024 | 12.00 | 06/11/2024 | Alluvium | On-base Bremer River | 8.0-13.5 | 14.647 | 10.383 | 24.999 | 14.616 | Damaged | 6.06** | 1673 | 3.33** | 92.10 | 322.1 | 25 0 | Low | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW036 | 23/10/2024 | 13.00 | 04/11/2024 | Alluvium | CPSA M | 10.2-15.2 | 15.053 | 12.682 | 24.040 | 11.358 | Good | 4.88** | 2319 | 4.86** | 26.20 | 256.2 | 24 2 | Medium | Light beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW037 | 21/10/2024 | 9.00 | 28/10/2024 | Alluvium | CPSA C | 5.0-10.0 | 10.942 | 7 261 | 25.219 | 17.958 | Damaged | 1.75 | 4162 | 6.79 | 47.30 | 277.3 | 22.4 | Low | No colour | Metallic and slight hydrocrabon odour | No sheen | HydraSleeve™ |
| 0861 | MW041 | 22/10/2024 | 13.00 | 31/10/2024 | Walloon Coal Measures | CPSA X | 11.5-14.5 | 14.989 | 9 898 | 46.383 | 36.485 | Good | 0 02 | 5303 | 6.85 | 11.90 | 241.9 | 23.1 | Low | Light yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW042 | 22/10/2024 | 27.00 | 08/11/2024 | Walloon Coal Measures | CPSA W | 24.0-30.0 | 29.381 | 21.892 | 40.036 | 18.144 | Good | 5.42** | 884 | 3.77** | -15.20 | 214.8 | 24.6 | Clear | Yellow | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW043 | 22/10/2024 | 19.50 | 08/11/2024 | Walloon Coal Measures | CPSA W | 18.0-21.0 | 20.712 | 11.450 | 49.182 | 37.732 | Good | 0 55 | 1095 | 4.08** | -57.90 | 172.1 | 24.7 | Clear | Very yellow | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW044 | 23/10/2024 | 9.50 | 04/11/2024 | Alluvium | On-base Bremer River | 8.0-11.0 | 11.195 | 8 331 | 20.311 | 11.980 | Good | 3 84 | 1089 | 3.99** | -20.80 | 209.2 | 24.1 | Low | Beige | Organic odour | No sheen | HydraSleeve™ |
| 0861 | MW046 | 22/10/2024 | 9.50 | 31/10/2024 | Ter iary Formation | CPSA V | 8.2-11.2 | 10.255 | 6 887 | 26.001 | 19.114 | Good | 1.17 | 1877 | 7.47 | -76.00 | 154.0 | 25.1 | Clear | Light yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW047 | 21/10/2024 | 11.50 | 28/10/2024 | Ter iary Formation | CPSA B | 10.5-13.5 | 13.131 | 10.080 | 26.265 | 16.185 | Good | 7.48** | 5389 | 6.61 | -14.50 | 215.5 | 21.6 | Low | Light brown | Metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW048 | 23/10/2024 | 9.00 | 12/11/2024 | Alluvium | CPSA E | 7.5-10.5 | 10.341 | 8.730 | 23.108 | 14.378 | Good | 3.74 | 114 | 4.25** | 94.80 | 324.8 | 22 5 | Low | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW049 | 23/10/2024 | 9.00 | 12/11/2024 | Alluvium | CPSA DD | 7.5-10.5 | 10.412 | 8 387 | 22.044 | 13.657 | Good | 8.6** | 2290.00 | 4.15** | 123.30 | 353.30 | 22.90 | Medium | Brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW050 | 22/10/2024 | 13.00 | 28/10/2024 | Alluvium | CPSA G | 11.5-14.5 | 14.413 | 7 352 | 24.317 | 16.965 | Good | 7.35** | 1382 | 6.52 | -21.80 | 208.2 | 21.6 | Low | Slight grey | Metallic and sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW054D | 7/11/2024 | 19.50 | 26/11/2024 | Walloon Coal Measures | Off-base Warril Creek | 18.0-21.0 | 20.735 | 5 552 | 20.454 | 14.902 | Good | 1.12 | 500 | 6.73 | -118.00 | 112.0 | 24.4 | Medium | Yellow borwn | Metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW054S | 7/11/2024 | 6.00 | 26/11/2024 | Alluvium | Off-base Warril Creek | 4.0-7.0 | 6 912 | 5 543 | 20.380 | 14.837 | Good | 3.65 | 1693 | 6.71 | 46.00 | 276.0 | 23.7 | Medium-high | beige | Metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW055D | 23/10/2024 | 32.00 | 04/11/2024 | Walloon Coal Measures | On-base Bremer River | 28.0-34.0 | 34.382 | 7 910 | 22.196 | 14.286 | Good | 1.42 | 7706 | 6.56 | -23.90 | 206.1 | 23.0 | Low | No colour | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW055S | 23/10/2024 | 10.50 | 04/11/2024 | Alluvium | On-base Bremer River | 9.0-12.0 | 11.856 | 8.419 | 22.140 | 13.721 | Good | 1.67 | 3381 | 4.83** | -34.90 | 195.1 | 22.6 | Low | Light beige | Metallic odour | No sheen | HydraSleeve™ |
| 0861 | MW056I | 7/11/2024 | 14.50 | 08/11/2024 | Tertiary Forma ion | Off-base Bremer River | 12.5-15.5 | 17.890 | 6.195 | 14.762 | 8.567 | Good | 0.75 | 505 | 3.51** | 8.10 | 238.1 | 23.1 | Low | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW056S | 6/11/2024 | 8.50 | 08/11/2024 | Alluvium | Off-base Bremer River | 6.5-9.5 | 9.446 | 6.635 | 15.078 | 8.443 | Good | 3.65 | 4131 | 3.27** | -7.30 | 222.7 | 25.6 | Low | Light yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW057I | 5/11/2024 | 14.00 | 08/11/2024 | Tertiary Formation | Off-base Warril Creek | 12.5-15.5 | 15.442 | 5 864 | 16.494 | 10.630 | Good | 0 02 | 385 | 4.03** | -81.00 | 149.0 | 23 5 | Clear | Very yellow | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW057S | 5/11/2024 | 7.50 | 08/11/2024 | Alluvium | Off-base Warril Creek | 5.5-8.5 | 8 395 | 6.140 | 16.479 | 10.339 | Good | 1 27 | 1076 | 4.1** | -56.20 | 173.8 | 24 0 | Low | Light yellow | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW535 | 23/10/2024 | 12.00 | 01/11/2024 | Alluvium | CPSA A | 8.5-13.5 | 14.323 | 8 849 | 25.331 | 16.482 | Good | 0.68 | 2388 | 7.19 | 18.00 | 248.0 | 23 9 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW536 | 22/10/2024 | 9.00 | 31/10/2024 | Alluvium | CPSA A | 6.5-10.5 | 11.279 | 7.673 | 25.170 | 17.497 | Good | 0 59 | 2537 | 7.50 | 33.50 | 263.5 | 23 8 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW537 | 22/10/2024 | 17.50 | 31/10/2024 | Tertiary Formation | CPSA Y | 15-19 | 19.275 | 15.016 | 34.781 | 19.765 | Good | 0.48 | 26665 | 6.54 | 2.80 | 232.8 | 24 5 | Low | Light grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW538 | 23/10/2024 | 15.50 | 04/11/2024 | Alluvium | CPSA A | 13.5-17 | 18.354 | 11.770 | 25.218 | 13.448 | Good | 1.44 | 15780 | 5.98 | 112.40 | 342.4 | 22 9 | Low | Light beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW539 | 22/10/2024 | 13.50 | 31/10/2024 | Tertiary Formation | CPSA A | 12-15 | 15.622 | 10.959 | 30.288 | 19.329 | Good | 2.77 | 4086 | 6.85 | 46.40 | 276.4 | 25.5 | High | Beige | No odour | No sheen | HydraSleeve™ |

Notes
All Hydrasleeves™ were installed a minimum of 24 hours prior to sampling m - metres
m btoc - metres below top of casing
m AHD - metres above Australian Height Datum TOC - Top of Casing
DO - Dissolved Oxygen EC - Electrical Conductivity
Er - converted to Eh by adding 205 based on YSI with Ag/AgCl sensor calibrated to a 3.5 molar KCL solution
Eh - Corrected Oxidation Reduction Potential
` - no data
mg/L - milligrams per litre
µS/cm - microsiemens per centimetre mV - millivolts
°C - degrees Celsius
** - anomalous reading

# TABLE B-3: Surface Water Field Parameters

| Location ID | Location | Sample Date | DO (mg/L) | EC (µS/cm) | pH | Er (mV) | Eh (mV) | Temp (°C) | Turbidity | Odour | Sheen | Sample Method/Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW002 | Drain | 31/10/2024 | 3.45 | 910.0 | 7.18 | | 268.6 | 31.5 | Light yellow, low turbid | Organic odour | No sheen | Grab sample |
| SW003 | Drain | 31/10/2024 | - | - | - | | - | - | - | - | - | DRY |
| SW004 | Warrill Creek | 8/11/2024 | 5.45 | 850.0 | 7.34 | | 387.8 | 25.5 | Colourless, not turbid | No odour | No sheen | Grab sample |
| SW005 | Warrill Creek | 8/11/2024 | 3.27 | 855.0 | 6.97 | | 379.8 | 25.6 | Light brown, not turbid | No odour | No sheen | Grab sample |
| SW008 | Drain | 6/11/2024 | 6.42 | 939.0 | 5.80 | | 452.2 | 25.5 | Light yellow, medium turbid | No odour | No sheen | Grab sample |
| SW009 | Warrill Creek | 8/11/2024 | 4.02 | 814.0 | 7.36 | | 377.1 | 25.8 | Light brown, low urbid | No odour | No sheen | Grab sample |
| SW011 | Drain | 31/10/2024 | 2.90 | 292.7 | 7.13 | | 190.1 | 24.1 | Light yellow, not turbid | No odour | No sheen | Grab sample |
| SW015 | Warrill Creek | 7/11/2024 | 4.81 | 757.0 | 3.06** | | 274.6 | 26.9 | Light brown, medium turbid | No odour | No sheen | Grab sample |
| SW016 | Warrill Creek | 5/11/2024 | 0.07 | 728.0 | 2.13** | | 437.2 | 24.5 | Light brown, low turbid | Organic odour | No sheen | Grab sample |
| SW018 | Warrill Creek | 6/11/2024 | 3.21 | 646.0 | 5.21 | | 297.3 | 24.4 | Clear, low turbidity | No odour | No sheen | Grab sample |
| SW020 | Warrill Creek | 6/11/2024 | 4.01 | 552.0 | 4.25** | | 294.3 | 24.7 | - | No odour | No sheen | Grab sample |
| SW021 | Drain | 1/11/2024 | 9.56** | 511.0 | 7.32 | | 295.0 | 24.6 | Light yellow, not turbid | No odour | No sheen | Grab sample |
| SW025 | Bremer River | 12/11/2024 | 3.08 | 359.7 | 4.47** | | 306.9 | 23.5 | Beige, medium turbid | No odour | No sheen | Grab sample |
| SW026 | Warrill Creek | 8/11/2024 | 4.02 | 814 | 7.36 | | 377.1 | 26..8 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW027 | Drain | 28/10/2024 | 5.53 | 566.0 | 2.53** | | 509.4 | 20.4 | Low turbid | Solvent | No sheen | Grab sample |
| SW028 | Drain | 7/11/2024 | 4.10 | 368.4 | 3.49** | | 303.1 | 31.3 | Brown, medium turbid | No odour | No sheen | Grab sample |
| SW030 | Drain | 28/10/2024 | - | - | - | | - | - | - | - | - | DRY, moist sludge layer |
| SW033 | Drain | 8/11/2024 | - | - | - | | - | - | - | - | - | No access (fire training drills at location) |
| SW034 | Warrill Creek | 6/11/2024 | 3.20 | 650.0 | 5.51 | | 297.9 | 24.4 | Clear, low turbidity | No odour | No sheen | Grab sample |
| SW036 | Bremer River | 8/11/2024 | 1.95 | 671.0 | 7.34 | | 260.3 | 25.9 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW037 | Drain | 31/10/2024 | 1.58 | 520.0 | 6.57 | | 155.3 | 24.3 | Light yellow, low turbid | Organic odour | No sheen | Grab sample |
| SW038 | Drain | 6/11/2024 | 6.32 | 211.6 | 4.55** | | 287.7 | 25.8 | Colourless, not turbid | Organic odour | No sheen | Grab sample |
| SW039 | Bremer River | 12/11/2024 | 2.68 | 659.0 | 4.45** | | 312.2 | 23.0 | Medium/high turbid | No odour | No sheen | Grab sample |
| SW040 | Bremer River | 12/11/2024 | 3.20 | 469.5 | 4.11** | | 321.8 | 24.0 | Medium turbid | No odour | No sheen | Bailer |
| SW041 | Drain | 5/11/2024 | 0.75 | 383.9 | 5.92 | | 268.5 | 22.9 | Beige, medium turbid | Organic odour | No sheen | Grab sample |
| SW043 | Warrill Creek | 12/11/2024 | 4.28 | 410.1 | 4.48** | | 318.5 | 24.4 | Medium/high turbid | No odour | No sheen | Grab sample |
| SW045 | Bremer River | 12/11/2024 | 5.82 | 102.7 | 4.3** | | 308.2 | 26.4 | Medium/high turbid | No odour | No sheen | Grab sample |
| SW047 | Bremer River | 18/11/2024 | 0.41 | 174.2 | 5.01 | | 236.1 | 23.2 | Brown, low turbid | No odour | No sheen | Grab sample |
| SW048 | Drain | 28/10/2024 | 5.05 | 144.7 | 6.98 | | 177.2 | 20.4 | Colourless, not turbid | Hydrocarbon odour | No sheen | Grab sample |
| SW049 | Drain | 1/11/2024 | 0.46 | 188.9 | 6.05 | | 302.0 | 23.3 | Light yellow, not turbid | No odour | No sheen | Grab sample |
| SW050 | Bremer River | 4/11/2024 | 0.03 | 822.0 | 4.77** | | 296.5 | 26.1 | Yellow | Organic odour | No sheen | Grab sample |
| SW051 | Bremer River | 4/11/2024 | 2.22 | 674.0 | 4.93** | | 270.5 | 24.3 | Light yellow | Solvent | No sheen | Grab sample |
| SW052 | Bremer River | 18/11/2024 | 1.02 | 146.1 | 4.74** | | -43.0 | 24.9 | Medium turbid | No odour | No sheen | Grab sample |
| SW053 | Drain | 5/11/2024 | 9.13** | 266.6 | 6.90 | | 316.6 | 26.4 | Colourless, not turbid | Hydrocarbon odour | No sheen | Grab sample |
| SW056 | Drain | 28/10/2024 | 6.32 | 212.3 | 1,05 | | 516.2 | 22.0 | Light beige, low turbid | Metallic | No sheen | Grab sample |
| SW059 | Drain | 31/10/2024 | 0.49 | 416.2 | 6.76 | | 149.2 | 22.2 | High turbid | Organic odour | No sheen | Grab sample |
| SW064 | Drain | 5/11/2024 | - | - | - | | - | - | - | - | - | DRY |
| SW067 | Drain | 5/11/2024 | - | - | - | | - | - | - | - | - | DRY |
| SW076 | Drain | 28/10/2024 | 6.66 | 543.0 | 7.23 | | 302.3 | 24.6 | Light beige, high turbid | Metallic | No sheen | Grab sample |
| SW079 | Drain | 5/11/2024 | 0.86 | 369.0 | 5.58 | | 271.2 | 24.5 | Low turbid | No odour | No sheen | Grab sample |
| SW080 | Drain | 5/11/2024 | 2.75 | 382.1 | 5.99 | | 302.5 | 21.6 | Very light yellow, not turbid | No odour | No sheen | Grab sample |
| SW088 | Bremer River | 18/11/2024 | 0.35 | 150.4 | 4.83** | | 238.4 | 23.8 | Brown, low turbid | No odour | No sheen | Grab sample |
| SW089 | Bremer River | 18/11/2024 | 3.23 | 177.7 | 5.02 | | 225.5 | 23.8 | Brown, low turbid | No odour | No sheen | Grab sample |
| SW090 | Bremer River | 18/11/2024 | 1.21 | 173.5 | 4.81** | | 236.3 | 25.2 | Brown, low turbid | Organic odour | No sheen | Grab sample |
| SW091 | Bremer River | 18/11/2024 | 5.91 | 3.5 | 4.55** | | 253.7 | 24.2 | Low turbid | No odour | No sheen | Grab sample |
| SW094 | Bremer River | 8/11/2024 | 7.4** | 336.1 | 7.95 | | 330.2 | 29.1 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW098 | Bremer River | 8/11/2024 | 6.78 | 340.3 | 7.73 | | 351.3 | 26.5 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW099 | Warrill Creek | 6/11/2024 | 5.90 | 775.0 | 3.84** | | 286.7 | 26.2 | Light beige, low turbid | No odour | No sheen | Grab sample |
| SW100 | Warrill Creek | 6/11/2024 | 4.40 | 745.0 | 4.33** | | 282.8 | 25.3 | Medium turbid | No odour | No sheen | Grab sample |

Notes
DO - Dissolved Oxygen
EC - Electrical Conductivity
Er - Uncorrected Oxidation Reduction Potential Eh - Corrected Oxidation Reduction Potential
` - no data
Er converted to Eh by adding 205 based on a YSI with Ag/AgCl sensor calibrated to a 3.5 molar KCL solution mg/L - milligrams per litre
µS/cm - microsiemens per centimetre mV - millivolts
°C - degrees Celsius
*Insufficient sample volume to collect water quality parameters
** Anomalous reading

## TABLE B-4: Sediment Observations

| Location ID | Sample Date | Location | Sample Description | Odour | Notes on River Conditions |
|---|---|---|---|---|---|
| SD002 | 31/10/2024 | Drain | Clay, dark brown, trace silt, some roots, medium plasticity | No odour | Manmade drainage channel around 10m width, running west to east. Water is shallow, ~0.1m depth, pooled with aquatic plants. Long grass in channel. |
| SD003 | 31/10/2024 | Drain | Silty clay, dark brown, small amount of roots, low plasticity | No odour | Wide and deep drainage channel, draining north west from the airstrip. Around 40m width and 10m depth. Steep eroded bank to the south west. Heavily vegetated channel with grass, reeds and trees. Reenforced north east bank with large angular boulders. |
| SD004 | 8/11/2024 | Warrill Creek | Clay, brown and grey | No odour | Abundant woody debris in river channel. Eroded southern bank. Brown, flowing water, around 0.5m depth. Flowing west to east. Evidence of flooding (stacked debris). |
| SD005 | 8/11/2024 | Warrill Creek | Clay, brown/grey | No odour | Brown, flowing water (west to east). Appears to be around 0.5m maximum depth. Clear, brown water with fish present. Established riparian vegetation on north bank. Steep eroded southern bank with no riparian vegetation, followed by grassed floodplain to the south. Woody debris within river channel. |
| SD008 | 6/11/2024 | Drain | Clay, brown, damp, organics | No odour | Still, pooled water with gently sloping grassed banks. Reeds and grass within channel. Flows west to east. Maximum 1m depth. Maximum 5m width. |
| SD009 | 8/11/2024 | Warrill Creek | Sandy clay, brown | No odour | Flowing, west to east, slightly cloudy, brown water. Around 1m depth, and around 10m width. Vegetated sediment island within creek with established trees and grasses. Woody debris within channel. Fish present. Southern bank is steep and eroded with no vegetation. North bank is gradually sloping. |
| SD011 | 31/10/2024 | Drain | Clayey silt, dark brown, high organics, medium plasticity | No odour | Shallow, slowly flowing drainage channel. <40cm maximum depth. No riparian vegetation. Grassed banks. Cobble reenforcement of banks. Aquatic plants in drain. |
| SD015 | 7/11/2024 | Warrill Creek | Sandy clay, brown | No odour | Gently flowing west to east. Slightly cloudy water. ~0.3m depth. Heavily vegetated on north bank with established trees and native grasses. Gently sloping north bank. South bank is steep with visible erosion and less vegetation. |
| SD016 | 5/11/2024 | Warrill Creek | Clay, brown, medium plasticity, organics (incl. sticks, roots, algae) | No odour | Still, clear water, brown in colour. Established riparian vegetation on north bank. Woody debris within channel. Fish observed in creek. Rubbish filled embankment ~20m north consists of concrete slabs, construction material, steel debris. |
| SD018 | 6/11/2024 | Drain entering Warrill Creek | Sandy clay, brown, medium plasticity | No odour | Clear, gently flowing water W to E. Approximately 0.5m depth. Wood debris in river channel. Large angular cobbles in channel (~30 cm). Well vegetated on both banks. Creek bed contains native grass vegetation. Lots of rubbish observed, including bottles, concrete, metal, and asbestos. Construction rubble in creek channel. |
| SD020 | 6/11/2024 | Warrill Creek | Sandy, silty clay | No odour | Clear, still water. Heavily vegetated riparian banks to the north and south. Water gently flowing west to east. Water depth maximum 0.3m. Evidence of flooding (debris in trees). |
| SD021 | 1/11/2024 | Drain | Clayey gravel, medium gravel, black, angular (bitumen?), medium plasticity, grey/brown | No odour | Shallow, pooled, still water around 0.2m maximum depth. Thick grass and vegetation surrounding sample location. |
| SD025 | 12/11/2024 | Bremer River | Sandy silty clay, dark brown | No odour | Flooded due to high rainfall. Flow direction south to north evidenced by debris build up. Sparcely vegetated banks. Gradual sloping banks (<10°). |
| SD026 | 8/11/2024 | Warrill Creek | Clay, dark brown, organics | No odour | Still, pooled, deep water. Very narrow channel, around 2m width. Heavily vegetated banks with native grasses and well established trees. Steep banks. Woody debris within and across the channel. Flow direction south to north. |
| SD027 | 28/10/2024 | Drain | Silty clay, dark brown, medium plasticity, high organics, trace sands | No odour | Heavily modified creek bed. Vegetated with reeds and trees. Flow direction east to west. Manmade cobble embankment to the south. Grassed, eroding bank to the north. Not flowing, shallow around 0.3m. |
| SD028 | 7/11/2024 | Frogs Hollow Gully (Drain) | Sandy clay, brown | No odour | Pooled water channel with aquatic plants on the surface. Fish and tadpoles present. Long grass surrounding the channel (~1m high). No riparian vegetation. Relatively flat catchment (<5°) surrounding the channel. Water is black. Unable to see the bottom. Channel is ~ 2m width, and around 0.5m maximum depth. Appears to flow west to east. |
| SD030 | 28/10/2024 | Drain | Gravelly sandy clay, dark brown, medium plasticity, fine/coarse gravel, medium sands, high organics (incl. worms) | No odour | Drain beside road. Flat land surrounding. Manmade banks. No riparian vegetation. Grassed mown banks. |
| SD033 | 8/11/2024 | Drain | NOT COLLECTED (unsafe due to fire training drills at location) | No odour | - |
| SD034 | 6/11/2024 | Warrill Creek | Sandy clay, brown, medium plasticity | No odour | Still brown water ~0.3m depth. Heavily vegetated riparian zones on both banks. Native grasses within channel. Rubbish observed in northern bank, including porcelain, glass, and rubber. Narrow drainage channel entering creek from the north to south at sample location. |
| SD036 | 8/11/2024 | Bremer River | Sandy clay, brown, fine sands | No odour | Pooled deep water in channel. Unable to see the bottom. Large established gums and trees in channel. Aquatic plants covering entire surface. Western bank vegetated with grass and trees. Eastern bank is gently sloping, vegetated with native grasses. Channel is within a regeneration area. |
| SD037 | 31/10/2024 | Drain | Sandy silt, dark brown, root inclusions, low plasticity, fine sands | No odour | Minimal water <0.1m depth. Still, pooled, and stagnant water. Very shallow drainage channel with mown grassed banks. Tall reeds around 2m high within channel. Overgrown vegetation. |
| SD038 | 6/11/2024 | Drain | Silt with sand, dark brown, high organics | No odour | Still poolled water >1m depth, ~3m width. Appears to flow west to east (based on the gradient of the land). Large fish observed. Man made embankments with large angular cobble bank reenforcement. Water is clear with a brown/green colour. Aquatic plants on surface. Reeds on banks. Surrounded by open, mown, grassed area. |
| SD039 | 12/11/2024 | Bremer River | Clayey sand, light brown | No odour | Flooded due to high rainfall. Large subangular boulders and cobbles within channel. Creek bed is vegetated with reeds and grasses and well established trees. Flow direction is S to N evidenced by woody debris within the creek. |
| SD040 | 12/11/2024 | Bremer River | NOT COLLECTED (unsafe due to flooding) | No odour | Flooded, fast moving water due to high rainfall. Large, deep creek, with brown coloured water. Heavily vegetated banks on both sides. Well established trees and native grasses on both banks. Vegetated bank around 50m width on north side. Drainage channel entering the dam from the NW. Dead cow in water, upstream from sample. |
| SD041 | 5/11/2024 | Drain | Silty clay, dark brown, inclusions of dry reeds | No odour | Clear, black, pooled, still water. Maximum 0.3m depth. Channel is heavily vegetated with tall reeds. Large angular boulders within channel. |
| SD043 | 12/11/2024 | Warrill Creek | Clay, brown | No odour | Flooded due to high rainfall. Fast flowing water, flowing south to north. Banks are well vegetated. |
| SD045 | 12/11/2024 | Bremer River | Light brown sandy Clay. | No odour | Flooded due to high rainfall. Brown water, flowing west to east. Well vegetated banks on both sides with native grasses and trees.Gently sloping banks. Woody debris along banks. |
| SD047 | 18/11/2024 | Bremer River | Clay, grey/brown, non-plastic, saturated | No odour | Flooded due to high rainfall. Deep water. Steep bank on the western side. Well established gums and trees within the river channel. |
| SD048 | 28/10/2024 | Drain | Silty clay, dark brown, medium plasticity, organic matter (incl. worms), trace sands | No odour | Drainage leads from hangar to the north ~40m. Land slopes to the south west. Mowed grassed area. Minimal flow visible, man-made drainage channel (1.5m wide), shallow water (0.4m). |
| SD049 | 1/11/2024 | Drain | Clay, grey, trace silt, medium plasticity, some leaf litter | No odour | Large dam at the bottom of a grassy slope. Around 100m diameter. Deep, still, brown water. Aquatic reeds surrounding the banks. Ducks and fish present. Slopes gently from the east to the west. |
| SD050 | 4/11/2024 | Bremer River | Clayey silt, dark brown, high organics, low plasticity | No odour | 10m wide, 0.5m deep, very sharp banks, not man-made. |
| SD051 | 4/11/2024 | Bremer River | Silty clay, dark brown, organics, low plasticity, trace sands | No odour | Deep pooled, still water. Flow direction N to S evidenced by flood debris in trees. Very steep embankment. Channel around 5m width. Green scum covering entire surface. Woody debris within channel. Overland flow across embankments evident with rubbish (corrugated iron) running W to E. Heavily vegetated banks with native grasses, reeds, and trees. |
| SD052 | 18/11/2024 | Bremer River | Clay, brown, high organics | No odour | Flooded due to high rainfall. Woody debris in channel. Banks are heavily vegetated. Flow direction is W to E evidenced by flood debris in trees. Very steep banks. |
| SD053 | 5/11/2024 | Drain | Silt, dark brown, low plasticity, high organics (incl. green algae, roots), minimal sediment | No odour | Manmade drainage channel surrounding the runway. Water flowing south to north. Very shallow. Concrete base with 4 drains entering channel. Green algae in water. Clear. Very gently sloping mown grassed banks. |
| SD056 | 28/10/2024 | Drain | Silty clay, green/brown, high organics, medium plasticity | No odour | Flat surrounding land. Very gently sloping banks. Channel is around 2m maximum width. Depth around 0.5m max. Grassed mown banks. Reeds and aquatic plants within channel. Still, pooled water. |
| SD059 | 31/10/2024 | Drain | Clayey sand, dark brown, thick root inclusions, medium/coarse sand, medium plasticity clay | No odour | Disconnected pooled water, overgrown by reeds, 0.2m deep in pools max, channel not visible, no flow. Man made embankments with large angular cobble bank reenforcement. Surrounded by open, mown, grassed area. |
| SD064 | 5/11/2024 | Drain | Clay, dark brown, red mottles, medium plasticity | No odour | Very shallow, narrow drainage channel bordering the runway. Mown grassed area surrounding sample location. Dry during visit. |
| SD067 | 5/11/2024 | Drain | Clay, dark brown, stiff, dry | No odour | Small drainage channel. Concrete culvert contains dark green water. Culvert is covered with a grill. Very shallow channel. Mown grassed banks. Dry during visit. |
| SD076 | 28/10/2024 | Drain | Clay, green/brown, medium plasticity, rootlets, fine/medium sand | No odour | Flat surrounding land. Very shallow banks. Channel is around 10m width. Shallow water (0.4m) flowing E to W (~10cm). Channel vegetated with reeds around 1.5m high. |
| SD079 | 5/11/2024 | Drain | Sandy gravel with clay, dark brown | No odour | Manmade drainage channel bordering the runway. 2m high reeds in channel. Very tall reeds in channel. Green and brown algae in channel. No flow. Shallow. Around 0.4m depth. Very gently sloping mown grassed banks. |
| SD080 | 5/11/2024 | Drain | Sandy clay, dark brown, moist | No odour | Manmade drainage channel bordering the runway. 2m high reeds in channel. Sediment build up on the southern side of the culvert. Very gently sloping mown grassed banks. Small fish in channel. |
| SD088 | 18/11/2024 | Bremer River | Clay, grey, non-plastic, saturated | No odour | Flooded due to high rainfall. Deep, wide channel. Gently sloping vegetated banks. Woody debris within channel. Flow direction is west to east. |
| SD089 | 18/11/2024 | Bremer River | Clay, grey/brown, non-plastic, saturated | No odour | Flooded due to high rainfall. Woody debris across channel. Fallen trees across the banks. Flow direction is south to north evidenced by flood debris in trees. Very steep banks. |
| SD090 | 18/11/2024 | Bremer River | Clay, grey/brown, non-plastic, saturated | No odour | Flooded due to high rainfall. Deep water. Woody debris in channel. Banks are heavily vegetated. Flow direction is south to north evidenced by flood debris in trees. Very steep banks. |
| SD091 | 18/11/2024 | Bremer River | Clay, dark brown, non-plastic, saturated | No odour | Flooded due to high rainfall. Woody debris within creek channel. Fallen trees across channel. Heavily vegetated banks. Banks are fenced off for regeneration. Flow direction is south to north. Evidence of flooding with debris in trees and surrounding vegetation coated in sediment. Very steep banks. |
| SD094 | 8/11/2024 | Bremer River | Clay, dark brown | No odour | Shallow, pooled water in creek channel. Clear, brown. Large woody debris within channel. Vegetated banks. Steep easterly bank, gently sloping on the west. Western bank is a revegetation area. Flow direction is north to south, evidenced by flood debris within the channel. Drainage channel entering the creek from the northwest to southeast. Heavily eroded. |
| SD098 | 8/11/2024 | Bremer River | Clay, brown, organics | No odour | Still pooled water beneath bridge, ~0.5m depth. Clear, with a brown colour. Water flow north to south evidenced by debris build up within creek. Vegetated banks on both sides with native grass and trees. |
| SD099 | 6/11/2024 | Warrill Creek | Silty sand, brown, low plasticity, fine sands | No odour | Deep, wide channel. Brown, turbid water. Gently flowing south to north. Woody debris along banks. Grassed bank to the west. Vegetated with well established trees to the east. |
| SD100 | 6/11/2024 | Warrill Creek | Sandy clay, grey/brown, wet | No odour | Deep, narrow channel, gently flowing east to west. Clear, green/brown colour. Flood debris in trees and on banks. Very steep north bank. Long grass and vegetation on south bank. |

# Appendix C Analytical Summary Tables

**Table C-1: Groundwater Analytical Summary Tables**

**Table C-2: Surface Water Analytical Summary Tables**

**Table C-3: Sediment Analytical Summary Tables**

**Table C-4: Historical Groundwater Analytical Summary Tables**

**Table C-5: Historical Surface Water Analytical Summary Tables**

**Table C-6: Historical Sediment Analytical Summary Tables**

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## Table C-1: Groundwater Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | MW002 | 0861_MW002_241029 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW005 | 0861_MW005_241028 | 28 Oct 2024 | Normal | 1155836 | **0.01** | <0.01 | **0.06** | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW006 | 0861_MW006_241106 | 06 Nov 2024 | Normal | 1158339 | **2.2** | **1.6** | **15** | **0.44** | **57** | **0.35** | <0.01 | **0.88** | **1.7** | **4.3** | **0.62** | **1.2** | **0.05** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW007 | 0861_MW007_241106 | 06 Nov 2024 | Normal | 1158339 | **1.1** | **0.90** | **9.2** | **0.49** | **23** | <0.01 | <0.01 | **0.36** | **0.59** | **3.2** | **0.41** | **0.71** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW012 | 0861_MW012_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW020 | 0861_MW020_241028 | 28 Oct 2024 | Normal | 1155836 | **0.04** | **0.03** | **0.21** | **0.02** | **0.46** | <0.01 | <0.01 | <0.05 | **0.02** | **0.03** | <0.01 | **0.02** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW021 | 0861_MW021_241101 | 01 Nov 2024 | Normal | 1156536 | **1.9** | **3.1** | **34** | **1.9** | **96** | **0.35** | **0.19** | **0.44** | **0.67** | **3.8** | **0.85** | **2.3** | **0.08** | **0.02** | <0.01 |
| QLD_0861_PFASOMP_24a | MW022 | 0861_MW022_241106 | 06 Nov 2024 | Normal | 1158339 | **1.2** | **0.75** | **4.9** | **0.08** | **1.4** | <0.01 | <0.01 | **0.64** | **0.22** | **0.95** | **0.18** | **0.39** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW023 | 0861_MW023_241106 | 06 Nov 2024 | Normal | 1158339 | **0.08** | **0.06** | **0.35** | **0.02** | **0.14** | <0.01 | <0.01 | <0.05 | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW024 | 0861_MW024_241104 | 04 Nov 2024 | Normal | 1156536 | **0.02** | **0.02** | **0.08** | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW025 | 0861_MW025_241101 | 01 Nov 2024 | Normal | 1155836 | **0.20** | **0.11** | **0.97** | **0.06** | **1.0** | <0.01 | <0.01 | **0.27** | **0.39** | **0.51** | **0.12** | **0.11** | **0.02** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW025 | 0861_QC201_241101 | 01 Nov 2024 | Interlab_D | 365539 | **0.21** | **0.18** | **1.2** | **0.05** | **1.4** | - | <0.02 | **0.28** | **0.38** | **0.53** | **0.13** | **0.15** | **0.02** | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | MW026 | 0861_MW026_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW028 | 0861_MW028_241104 | 04 Nov 2024 | Normal | 1156536 | **2.9** | **2.7** | **20** | **2.0** | **41** | <0.1 | <0.1 | **0.68** | **0.60** | **3.9** | **0.60** | **1.1** | **0.01** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW029 | 0861_MW029_241104 | 04 Nov 2024 | Normal | 1156536 | **0.68** | **0.67** | **4.6** | **0.30** | **1.3** | <0.01 | <0.01 | **0.14** | **0.13** | **0.84** | **0.11** | **0.20** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW029 | 0861_QC201_241104 | 04 Nov 2024 | Interlab_D | 365857 | **0.64** | **0.69** | **4.4** | **0.28** | **3.3** | - | <0.02 | **0.1** | **0.2** | **0.75** | **0.13** | **0.22** | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | MW030 | 0861_MW030_241101 | 01 Nov 2024 | Normal | 1155836 | **5.0** | **4.0** | **13** | **0.20** | **0.26** | <0.01 | <0.01 | **1.2** | **1.8** | **9.2** | **1.5** | **1.3** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW031 | 0861_MW031_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW032 | 0861_MW032_241028 | 28 Oct 2024 | Normal | 1155836 | **1.6** | **1.4** | **9.0** | **0.66** | **17** | <0.01 | <0.01 | **0.56** | **0.61** | **3.1** | **0.74** | **1.7** | **0.05** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW033 | 0861_MW033_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW033 | 0861_QC103_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW034 | 0861_MW034_241029 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | **0.02** | <0.01 | **0.07** | <0.01 | <0.01 | <0.05 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW034 | 0861_QC201_241029 | 29 Oct 2024 | Interlab_D | 365539 | <0.01 | <0.01 | <0.01 | <0.01 | **0.04** | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | MW035 | 0861_MW035_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW036 | 0861_MW036_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | **0.03** | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW036 | 0861_QC101_241104 | 04 Nov 2024 | Field_D | 1156536 | <0.01 | <0.01 | **0.04** | <0.01 | **0.03** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW037 | 0861_MW037_241028 | 28 Oct 2024 | Normal | 1155836 | **2.1** | **1.6** | **7.7** | **0.14** | **0.37** | <0.01 | <0.01 | **0.33** | **0.43** | **2.1** | **0.25** | **0.18** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW037 | 0861_QC101_241028 | 28 Oct 2024 | Field_D | 1155836 | **2.2** | **1.8** | **7.1** | **0.13** | **0.35** | <0.01 | <0.01 | **0.31** | **0.41** | **2.0** | **0.24** | **0.16** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW041 | 0861_MW041_241031 | 31 Oct 2024 | Normal | 1155836 | **0.42** | **0.10** | **0.13** | <0.01 | **0.26** | <0.01 | <0.01 | **0.17** | **0.38** | **0.46** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW042 | 0861_MW042_241108 | 08 Nov 2024 | Normal | 1158339 | **0.07** | **0.03** | **0.18** | <0.01 | **0.17** | <0.01 | <0.01 | <0.05 | **0.02** | **0.05** | <0.01 | **0.02** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW043 | 0861_MW043_241108 | 08 Nov 2024 | Normal | 1158339 | **0.34** | **0.08** | **0.24** | **0.02** | **0.47** | <0.01 | <0.01 | **0.09** | **0.07** | **0.11** | **0.02** | **0.02** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW044 | 0861_MW044_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW046 | 0861_MW046_241031 | 31 Oct 2024 | Normal | 1155836 | **17** | **15** | **120** | **12** | **240** | **0.33** | **0.01** | **18** | **54** | **78** | **10** | **23** | **0.85** | **0.09** | <0.01 |
| QLD_0861_PFASOMP_24a | MW047 | 0861_MW047_241028 | 28 Oct 2024 | Normal | 1155836 | **0.37** | **0.24** | **2.5** | **0.12** | **2.3** | <0.01 | <0.01 | **0.17** | **0.18** | **0.45** | **0.04** | **0.07** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW048 | 0861_MW048_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | **0.06** | <0.01 | **0.75** | <0.01 | <0.01 | <0.05 | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW048 | 0861_QC201_241112 | 12 Nov 2024 | Interlab_D | 366900 | **0.02** | <0.01 | **0.08** | <0.01 | **0.59** | - | <0.02 | <0.02 | <0.02 | **0.01** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | MW049 | 0861_MW049_241112 | 12 Nov 2024 | Normal | 1161658 | **0.09** | **0.07** | **0.35** | <0.01 | **0.56** | <0.01 | <0.01 | <0.05 | **0.03** | **0.11** | **0.01** | **0.02** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW049 | 0861_QC101_241112 | 12 Nov 2024 | Field_D | 1161658 | **0.09** | **0.07** | **0.41** | <0.01 | **0.64** | <0.01 | <0.01 | <0.05 | **0.04** | **0.12** | **0.02** | **0.02** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW050 | 0861_MW050_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | **0.06** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW054D | 0861_MW054D_241126 | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW054S | 0861_MW054S_241126 | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | **0.04** | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW054S | 0861_QC101_241126 | 26 Nov 2024 | Field_D | 1164996 | <0.01 | <0.01 | **0.04** | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW055D | 0861_MW55D_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW055S | 0861_MW55S_241104 | 04 Nov 2024 | Normal | 1156536 | **0.16** | **0.18** | **1.3** | **0.07** | **0.67** | <0.01 | <0.01 | <0.05 | **0.03** | **0.19** | **0.03** | **0.07** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW056I | 0861_MW056I_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | **0.01** | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW056S | 0861_MW056S_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW057I | 0861_MW057I_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW057S | 0861_MW057S_241108 | 08 Nov 2024 | Normal | 1158339 | **0.36** | **0.17** | **0.95** | **0.03** | **0.33** | <0.01 | <0.01 | **0.13** | **0.05** | **0.06** | **0.01** | **0.03** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW535 | 0861_MW535_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW536 | 0861_MW536_241031 | 31 Oct 2024 | Normal | 1155836 | **0.09** | **0.07** | **0.48** | **0.02** | **0.66** | <0.01 | <0.01 | **0.10** | **0.18** | **0.22** | **0.06** | **0.06** | **0.01** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW537 | 0861_MW537_241031 | 31 Oct 2024 | Normal | 1155836 | **0.28** | **0.12** | **0.14** | <0.01 | **0.07** | <0.01 | <0.01 | **0.11** | **0.09** | **0.35** | **0.02** | **0.01** | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW538 | 0861_MW538_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | **0.01** | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | MW539 | 0861_MW539_241031 | 31 Oct 2024 | Normal | 1155836 | **2.9** | **1.9** | **3.1** | <0.01 | <0.01 | <0.01 | <0.01 | **0.48** | **0.64** | **2.9** | **0.21** | **0.02** | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

**Table C-1: Groundwater Analytical Summary**

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
| | | | | | | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | | | | 0.07 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | MW002 | 0861_MW002_241029 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW005 | 0861_MW005_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** |
| QLD_0861_PFASOMP_24a | MW006 | 0861_MW006_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | **0.39** | **0.04** | <0.01 | **0.23** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **72** |
| QLD_0861_PFASOMP_24a | MW007 | 0861_MW007_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | **0.17** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **32.2** |
| QLD_0861_PFASOMP_24a | MW012 | 0861_MW012_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW020 | 0861_MW020_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.67** |
| QLD_0861_PFASOMP_24a | MW021 | 0861_MW021_241101 | 01 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | **0.05** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **130** |
| QLD_0861_PFASOMP_24a | MW022 | 0861_MW022_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **6.3** |
| QLD_0861_PFASOMP_24a | MW023 | 0861_MW023_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.49** |
| QLD_0861_PFASOMP_24a | MW024 | 0861_MW024_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.1** |
| QLD_0861_PFASOMP_24a | MW025 | 0861_MW025_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.97** |
| QLD_0861_PFASOMP_24a | MW025 | 0861_QC201_241101 | 01 Nov 2024 | Interlab_D | 365539 | <0.05 | <0.1 | <0.5 | <0.01 | **0.03** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **2.6** |
| QLD_0861_PFASOMP_24a | MW026 | 0861_MW026_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW028 | 0861_MW028_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | **0.11** | **0.19** | **0.07** | **0.04** | <0.05 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | **0.22** | **61** |
| QLD_0861_PFASOMP_24a | MW029 | 0861_MW029_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **5.9** |
| QLD_0861_PFASOMP_24a | MW029 | 0861_QC201_241104 | 04 Nov 2024 | Interlab_D | 365857 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **7.7** |
| QLD_0861_PFASOMP_24a | MW030 | 0861_MW030_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **13.26** |
| QLD_0861_PFASOMP_24a | MW031 | 0861_MW031_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW032 | 0861_MW032_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **26** |
| QLD_0861_PFASOMP_24a | MW033 | 0861_MW033_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW033 | 0861_QC103_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | **0.06** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW034 | 0861_MW034_241029 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** |
| QLD_0861_PFASOMP_24a | MW034 | 0861_QC201_241029 | 29 Oct 2024 | Interlab_D | 365539 | <0.05 | <0.1 | <0.5 | <0.01 | **0.09** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.04** |
| QLD_0861_PFASOMP_24a | MW035 | 0861_MW035_241106 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW036 | 0861_MW036_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.05** |
| QLD_0861_PFASOMP_24a | MW036 | 0861_QC101_241104 | 04 Nov 2024 | Field_D | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.07** |
| QLD_0861_PFASOMP_24a | MW037 | 0861_MW037_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.07** |
| QLD_0861_PFASOMP_24a | MW037 | 0861_QC101_241028 | 28 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **7.45** |
| QLD_0861_PFASOMP_24a | MW041 | 0861_MW041_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.39** |
| QLD_0861_PFASOMP_24a | MW042 | 0861_MW042_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | **0.13** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.35** |
| QLD_0861_PFASOMP_24a | MW043 | 0861_MW043_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.71** |
| QLD_0861_PFASOMP_24a | MW044 | 0861_MW044_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW046 | 0861_MW046_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | **0.04** | **0.07** | **41** | **1.1** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **360** |
| QLD_0861_PFASOMP_24a | MW047 | 0861_MW047_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **4.8** |
| QLD_0861_PFASOMP_24a | MW048 | 0861_MW048_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.81** |
| QLD_0861_PFASOMP_24a | MW048 | 0861_QC201_241112 | 12 Nov 2024 | Interlab_D | 366900 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.67** |
| QLD_0861_PFASOMP_24a | MW049 | 0861_MW049_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.91** |
| QLD_0861_PFASOMP_24a | MW049 | 0861_QC101_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.05** |
| QLD_0861_PFASOMP_24a | MW050 | 0861_MW050_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** |
| QLD_0861_PFASOMP_24a | MW054D | 0861_MW054D_241126 | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** |
| QLD_0861_PFASOMP_24a | MW054S | 0861_MW054S_241126 | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.12** |
| QLD_0861_PFASOMP_24a | MW054S | 0861_QC101_241126 | 26 Nov 2024 | Field_D | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.12** |
| QLD_0861_PFASOMP_24a | MW055D | 0861_MW55D_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW055S | 0861_MW55S_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.97** |
| QLD_0861_PFASOMP_24a | MW056I | 0861_MW056I_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | **0.07** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** |
| QLD_0861_PFASOMP_24a | MW056S | 0861_MW056S_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW057I | 0861_MW057I_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | **0.12** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** |
| QLD_0861_PFASOMP_24a | MW057S | 0861_MW057S_241108 | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.28** |
| QLD_0861_PFASOMP_24a | MW535 | 0861_MW535_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QLD_0861_PFASOMP_24a | MW536 | 0861_MW536_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.14** |
| QLD_0861_PFASOMP_24a | MW537 | 0861_MW537_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.21** |
| QLD_0861_PFASOMP_24a | MW538 | 0861_MW538_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** |
| QLD_0861_PFASOMP_24a | MW539 | 0861_MW539_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **3.1** |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

**Table C-1: Groundwater Analytical Summary**

| | | | | | | PFAS | |
|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | |
| QLD_0861_PFASOMP_24a | MW002 | 0861_MW002_241029 | 29 Oct 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW005 | 0861_MW005_241028 | 28 Oct 2024 | Normal | 1155836 | **0.07** | *<0.1* |
| QLD_0861_PFASOMP_24a | MW006 | 0861_MW006_241106 | 06 Nov 2024 | Normal | 1158339 | **83.33** | **86.89** |
| QLD_0861_PFASOMP_24a | MW007 | 0861_MW007_241106 | 06 Nov 2024 | Normal | 1158339 | **38.65** | **40.7** |
| QLD_0861_PFASOMP_24a | MW012 | 0861_MW012_241028 | 28 Oct 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW020 | 0861_MW020_241028 | 28 Oct 2024 | Normal | 1155836 | **0.78** | **0.84** |
| QLD_0861_PFASOMP_24a | MW021 | 0861_MW021_241101 | 01 Nov 2024 | Normal | 1156536 | **140.01** | **145.96** |
| QLD_0861_PFASOMP_24a | MW022 | 0861_MW022_241106 | 06 Nov 2024 | Normal | 1158339 | **9.88** | **11.21** |
| QLD_0861_PFASOMP_24a | MW023 | 0861_MW023_241106 | 06 Nov 2024 | Normal | 1158339 | **0.58** | **0.69** |
| QLD_0861_PFASOMP_24a | MW024 | 0861_MW024_241104 | 04 Nov 2024 | Normal | 1156536 | **0.12** | **0.14** |
| QLD_0861_PFASOMP_24a | MW025 | 0861_MW025_241101 | 01 Nov 2024 | Normal | 1155836 | **3.57** | **3.84** |
| QLD_0861_PFASOMP_24a | MW025 | 0861_QC201_241101 | 01 Nov 2024 | Interlab_D | 365539 | - | **4.6** |
| QLD_0861_PFASOMP_24a | MW026 | 0861_MW026_241031 | 31 Oct 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW028 | 0861_MW028_241104 | 04 Nov 2024 | Normal | 1156536 | **71.04** | **78.02** |
| QLD_0861_PFASOMP_24a | MW029 | 0861_MW029_241104 | 04 Nov 2024 | Normal | 1156536 | **8** | **9.35** |
| QLD_0861_PFASOMP_24a | MW029 | 0861_QC201_241104 | 04 Nov 2024 | Interlab_D | 365857 | - | **11** |
| QLD_0861_PFASOMP_24a | MW030 | 0861_MW030_241101 | 01 Nov 2024 | Normal | 1155836 | **33.26** | **39.66** |
| QLD_0861_PFASOMP_24a | MW031 | 0861_MW031_241101 | 01 Nov 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW032 | 0861_MW032_241028 | 28 Oct 2024 | Normal | 1155836 | **34.4** | **37.12** |
| QLD_0861_PFASOMP_24a | MW033 | 0861_MW033_241031 | 31 Oct 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW033 | 0861_QC103_241031 | 31 Oct 2024 | Field_D | 1155836 | **0.06** | *<0.1* |
| QLD_0861_PFASOMP_24a | MW034 | 0861_MW034_241029 | 29 Oct 2024 | Normal | 1155836 | **0.21** | **0.21** |
| QLD_0861_PFASOMP_24a | MW034 | 0861_QC201_241029 | 29 Oct 2024 | Interlab_D | 365539 | - | **0.13** |
| QLD_0861_PFASOMP_24a | MW035 | 0861_MW035_241106 | 06 Nov 2024 | Normal | 1158339 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW036 | 0861_MW036_241104 | 04 Nov 2024 | Normal | 1156536 | **0.05** | *<0.1* |
| QLD_0861_PFASOMP_24a | MW036 | 0861_QC101_241104 | 04 Nov 2024 | Field_D | 1156536 | **0.07** | *<0.1* |
| QLD_0861_PFASOMP_24a | MW037 | 0861_MW037_241028 | 28 Oct 2024 | Normal | 1155836 | **13.46** | **16.7** |
| QLD_0861_PFASOMP_24a | MW037 | 0861_QC101_241028 | 28 Oct 2024 | Field_D | 1155836 | **12.77** | **16.3** |
| QLD_0861_PFASOMP_24a | MW041 | 0861_MW041_241031 | 31 Oct 2024 | Normal | 1155836 | **1.82** | **2.2** |
| QLD_0861_PFASOMP_24a | MW042 | 0861_MW042_241108 | 08 Nov 2024 | Normal | 1158339 | **0.64** | **0.7** |
| QLD_0861_PFASOMP_24a | MW043 | 0861_MW043_241108 | 08 Nov 2024 | Normal | 1158339 | **1.36** | **1.58** |
| QLD_0861_PFASOMP_24a | MW044 | 0861_MW044_241104 | 04 Nov 2024 | Normal | 1156536 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW046 | 0861_MW046_241031 | 31 Oct 2024 | Normal | 1155836 | **602.1** | **636.29** |
| QLD_0861_PFASOMP_24a | MW047 | 0861_MW047_241028 | 28 Oct 2024 | Normal | 1155836 | **6.08** | **6.67** |
| QLD_0861_PFASOMP_24a | MW048 | 0861_MW048_241112 | 12 Nov 2024 | Normal | 1161658 | **0.82** | **0.82** |
| QLD_0861_PFASOMP_24a | MW048 | 0861_QC201_241112 | 12 Nov 2024 | Interlab_D | 366900 | - | **0.70** |
| QLD_0861_PFASOMP_24a | MW049 | 0861_MW049_241112 | 12 Nov 2024 | Normal | 1161658 | **1.17** | **1.28** |
| QLD_0861_PFASOMP_24a | MW049 | 0861_QC101_241112 | 12 Nov 2024 | Field_D | 1161658 | **1.34** | **1.46** |
| QLD_0861_PFASOMP_24a | MW050 | 0861_MW050_241028 | 28 Oct 2024 | Normal | 1155836 | **0.06** | *<0.1* |
| QLD_0861_PFASOMP_24a | MW054D | 0861_MW054D_241126 | 26 Nov 2024 | Normal | 1164996 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW054S | 0861_MW054S_241126 | 26 Nov 2024 | Normal | 1164996 | **0.12** | **0.12** |
| QLD_0861_PFASOMP_24a | MW054S | 0861_QC101_241126 | 26 Nov 2024 | Field_D | 1164996 | **0.12** | **0.12** |
| QLD_0861_PFASOMP_24a | MW055D | 0861_MW55D_241104 | 04 Nov 2024 | Normal | 1156536 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW055S | 0861_MW55S_241104 | 04 Nov 2024 | Normal | 1156536 | **2.45** | **2.78** |
| QLD_0861_PFASOMP_24a | MW056I | 0861_MW056I_241108 | 08 Nov 2024 | Normal | 1158339 | **0.1** | **0.1** |
| QLD_0861_PFASOMP_24a | MW056S | 0861_MW056S_241108 | 08 Nov 2024 | Normal | 1158339 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW057I | 0861_MW057I_241108 | 08 Nov 2024 | Normal | 1158339 | **0.14** | **0.14** |
| QLD_0861_PFASOMP_24a | MW057S | 0861_MW057S_241108 | 08 Nov 2024 | Normal | 1158339 | **1.92** | **2.22** |
| QLD_0861_PFASOMP_24a | MW535 | 0861_MW535_241101 | 01 Nov 2024 | Normal | 1155836 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW536 | 0861_MW536_241031 | 31 Oct 2024 | Normal | 1155836 | **1.85** | **1.99** |
| QLD_0861_PFASOMP_24a | MW537 | 0861_MW537_241031 | 31 Oct 2024 | Normal | 1155836 | **1.07** | **1.37** |
| QLD_0861_PFASOMP_24a | MW538 | 0861_MW538_241104 | 04 Nov 2024 | Normal | 1156536 | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_24a | MW539 | 0861_MW539_241031 | 31 Oct 2024 | Normal | 1155836 | **10.25** | **14.35** |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

**Table C-2: Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | 0.07 | 0.06 | 0.51 | 0.03 | 1.0 | <0.01 | <0.01 | 0.20 | 0.47 | 0.47 | 0.18 | 0.09 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | 0.08 | 0.06 | 0.63 | 0.03 | 1.3 | - | <0.02 | 0.2 | 0.48 | 0.44 | 0.21 | 0.13 | 0.03 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | 0.08 | 0.06 | 0.48 | 0.02 | 0.98 | <0.01 | <0.01 | 0.19 | 0.40 | 0.44 | 0.16 | 0.09 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | 0.14 | 0.13 | 1.1 | 0.06 | 1.8 | <0.01 | <0.01 | 0.18 | 0.18 | 0.38 | 0.08 | 0.12 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | 0.13 | 0.13 | 1.3 | 0.09 | 1.9 | <0.01 | <0.01 | 0.07 | 0.15 | 0.37 | 0.06 | 0.09 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.01 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | 0.05 | 0.03 | 0.21 | 0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.03 | 0.04 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | 0.02 | 0.02 | 0.15 | <0.01 | 0.33 | - | <0.02 | <0.02 | <0.02 | 0.03 | <0.01 | 0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | 0.04 | 0.02 | 0.17 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | 0.05 | 0.03 | 0.25 | 0.01 | 0.52 | <0.01 | <0.01 | <0.05 | 0.03 | 0.06 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | 0.19 | 0.19 | 2.3 | 0.11 | 6.4 | 0.02 | 0.02 | 0.26 | 0.28 | 0.49 | 0.09 | 0.23 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | 0.03 | 0.02 | 0.14 | <0.01 | 0.26 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | 0.02 | 0.02 | 0.15 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.03 | 0.08 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | 0.06 | 0.03 | 0.22 | <0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | 0.06 | 0.03 | 0.25 | 0.01 | 0.47 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | 0.03 | 0.02 | 0.14 | <0.01 | 0.27 | <0.01 | <0.01 | <0.05 | 0.01 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | 0.02 | 0.01 | 0.09 | <0.01 | 0.14 | <0.01 | <0.01 | <0.05 | 0.02 | 0.04 | 0.02 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | 0.37 | 0.28 | 2.0 | 0.09 | 2.0 | <0.01 | <0.01 | 0.12 | 0.22 | 0.55 | 0.08 | 0.10 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | 0.11 | 0.07 | 0.58 | 0.04 | 0.98 | <0.01 | <0.01 | 0.09 | 0.16 | 0.20 | 0.05 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | 0.02 | 0.01 | 0.07 | <0.01 | 0.14 | <0.01 | <0.01 | <0.05 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | 1.1 | 1.0 | 9.1 | 0.50 | 6.5 | <0.01 | <0.01 | 0.28 | 0.36 | 1.8 | 0.22 | 0.45 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | 0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | 0.08 | 0.08 | 0.57 | 0.03 | 0.95 | <0.01 | <0.01 | 0.08 | 0.06 | 0.58 | 0.08 | 0.15 | 0.11 | 0.07 | 0.08 | 0.03 | 0.01 |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | 0.09 | 0.06 | 0.38 | 0.03 | 0.80 | <0.01 | <0.01 | 0.08 | 0.08 | 0.18 | 0.03 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | 0.01 | 0.01 | 0.08 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | 0.01 | <0.01 | 0.09 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | 0.06 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | 0.09 | 0.08 | 0.64 | 0.04 | 1.6 | <0.01 | <0.01 | <0.05 | 0.08 | 0.20 | 0.03 | 0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | 0.56 | 0.55 | 3.0 | 0.14 | 4.3 | 0.02 | 0.03 | 0.22 | 0.47 | 1.2 | 0.21 | 0.36 | 0.03 | 0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | 1.0 | 0.92 | 5.9 | 0.26 | 5.4 | <0.01 | <0.01 | 0.44 | 1.3 | 1.9 | 0.43 | 0.54 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | 1.9 | 1.8 | 11 | 0.61 | 11 | <0.01 | <0.01 | 0.35 | 0.39 | 2.7 | 0.30 | 0.62 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | 1.7 | 2.0 | 14 | 0.90 | 14 | - | <0.02 | 0.36 | 0.69 | 2.8 | 0.43 | 0.74 | 0.02 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | 1.4 | 1.4 | 13 | 0.72 | 10 | <0.01 | <0.01 | 0.36 | 0.44 | 2.5 | 0.30 | 0.61 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | 1.4 | 1.4 | 11 | 0.69 | 13 | <0.01 | <0.01 | 0.29 | 0.39 | 2.3 | 0.27 | 0.60 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | 0.09 | 0.06 | 0.45 | 0.03 | 1.1 | <0.01 | <0.01 | 0.07 | 0.13 | 0.16 | 0.06 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | 0.01 | <0.01 | 0.08 | <0.01 | 0.17 | <0.01 | <0.01 | <0.05 | 0.03 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.02 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

**Table C-2: Surface Water Analytical Summary**

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | | 0.07 | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | | 2 | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | **0.05** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.51** | **3.04** | **3.18** |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | <0.5 | <0.01 | **0.02** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **1.9** | - | **3.6** |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.46** | **2.82** | **2.95** |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.9** | **4.08** | **4.35** |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **3.2** | **4.07** | **4.36** |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.05** | **0.05** | <0.1 |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.63** | **0.76** | **0.82** |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.48** | - | **0.57** |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.51** | **0.6** | **0.63** |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.77** | **0.92** | **0.98** |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.7** | **10.24** | **10.65** |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.4** | **0.48** | **0.51** |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.49** | **0.66** | **0.69** |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.64** | **0.77** | **0.83** |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.72** | **0.85** | **0.92** |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.41** | **0.49** | **0.52** |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.23** | **0.34** | **0.35** |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **4** | **5.44** | **6.07** |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.56** | **2.33** | **2.48** |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.21** | **0.26** | **0.29** |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **15.6** | **19.81** | **21.91** |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.04** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | **0.34** | **0.03** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.52** | **2.92** | **3.37** |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.18** | **1.7** | **1.82** |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.13** | **0.16** | **0.17** |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.21** | **0.25** | **0.25** |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.1** | **0.13** | **0.13** |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.24** | **2.69** | **2.85** |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **7.3** | **10.32** | **11.31** |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | **0.18** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **11.3** | **17.09** | **18.68** |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **22** | **28.26** | **31.78** |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | <0.5 | <0.01 | **0.02** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **28** | - | **37** |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **23** | **28.61** | **31.54** |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **24** | **29.25** | **32.09** |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.55** | **2.12** | **2.24** |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.25** | **0.41** | **0.41** |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** | **0.06** | <0.1 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

Table C-3 - Sediment Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **SampleType** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | SD002 | 0861_QC102_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.005 | <0.005 | <0.005 | <0.005 | 0.037 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD002 | 0861_SD002_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0001 | 0.0021 | 0.0003 | 0.038 | 0.0016 | 0.0029 | <0.0005 | 0.0009 | 0.0009 | 0.0006 | 0.0007 | 0.0006 | 0.0011 | 0.0013 | 0.0012 |
| QLD_0861_PFASOMP_24a | SD003 | 0861_SD003_241031 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0009 | 0.0001 | 0.014 | 0.0002 | 0.0004 | <0.0005 | 0.0002 | 0.0003 | 0.0002 | 0.0003 | 0.0003 | 0.0002 | 0.0004 | 0.0006 |
| QLD_0861_PFASOMP_24a | SD004 | 0861_SD004_241108 | 08 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0019 | 0.0001 | 0.0041 | <0.0001 | 0.0009 | <0.0005 | 0.0002 | 0.0009 | 0.0002 | 0.0003 | <0.0001 | <0.0001 | <0.0001 | 0.0001 |
| QLD_0861_PFASOMP_24a | SD005 | 0861_SD005_241108 | 08 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0016 | 0.0001 | 0.012 | <0.0001 | 0.0002 | <0.0005 | <0.0002 | 0.0004 | 0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD008 | 0861_SD008_241106 | 06 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0004 | 0.0025 | 0.0002 | 0.019 | 0.0005 | 0.0009 | <0.0005 | 0.0009 | 0.0011 | 0.0003 | 0.0004 | 0.0002 | <0.0001 | 0.0003 | 0.0002 |
| QLD_0861_PFASOMP_24a | SD009 | 0861_SD009_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0013 | <0.0001 | 0.0003 | <0.0005 | <0.0002 | 0.0002 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD011 | 0861_SD011_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0012 | 0.0017 | 0.018 | 0.0019 | 0.12 | 0.0008 | 0.0003 | 0.0013 | 0.0005 | 0.0031 | 0.0009 | 0.0015 | 0.0003 | 0.0007 | 0.0006 | 0.0013 |
| QLD_0861_PFASOMP_24a | SD015 | 0861_SD015_241107 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0014 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | 0.0011 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD016 | 0861_SD016_241105 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0013 | <0.0001 | 0.0053 | <0.0001 | <0.0001 | <0.0005 | 0.0001 | 0.0005 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_QC102_241106 | 06 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | 0.011 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_QC202_241106 | 06 Nov 2024 | Interlab_D | 366584 | <0.0001 | <0.0001 | 0.0009 | <0.0001 | 0.0077 | - | 0.0004 | <0.0002 | <0.0002 | 0.0002 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_SD018_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0002 | 0.0014 | <0.0001 | 0.0019 | 0.0001 | 0.0001 | <0.0005 | 0.0003 | 0.0006 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD020 | 0861_SD020_241106 | 06 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0001 | 0.0012 | <0.0001 | 0.0067 | 0.0003 | 0.0004 | <0.0005 | 0.0002 | 0.0005 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD021 | 0861_SD021_241101 | 01 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0003 | 0.0038 | 0.0010 | 0.11 | 0.0024 | 0.013 | <0.0005 | 0.0007 | 0.0023 | 0.0010 | 0.0017 | 0.0006 | 0.0004 | 0.0016 | 0.0018 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_QC103_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_QC203_241112 | 12 Nov 2024 | Interlab_D | 366901 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0005 | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_SD025_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD026 | 0861_SD026_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0006 | <0.0001 | 0.0043 | <0.0001 | 0.0003 | <0.0005 | 0.0001 | 0.0004 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD027 | 0861_SD027_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0017 | 0.0002 | 0.014 | <0.0001 | 0.0001 | <0.0005 | <0.0002 | 0.0003 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0005 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | 0.011 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_QC205_241107 | 07 Nov 2024 | Interlab_D | 366584 | <0.0001 | <0.0001 | 0.001 | <0.0001 | 0.026 | - | 0.0006 | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_SD028_241107 | 07 Nov 2024 | Normal | 1173066 | 0.0001 | <0.0001 | 0.0009 | <0.0001 | 0.011 | <0.0001 | 0.0003 | <0.0005 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD030 | 0861_SD030_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0001 | 0.0002 | 0.0016 | 0.0002 | 0.019 | 0.0002 | 0.0003 | 0.0013 | 0.0035 | 0.0020 | 0.0013 | 0.0008 | 0.0002 | 0.0002 | 0.0005 | 0.0013 |
| QLD_0861_PFASOMP_24a | SD034 | 0861_SD034_241106 | 06 Nov 2024 | Normal | 1173066 | 0.0001 | 0.0001 | 0.0014 | 0.0001 | 0.013 | 0.0001 | <0.0001 | <0.0005 | 0.0001 | 0.0003 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD036 | 0861_SD036_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0017 | <0.0001 | <0.0001 | <0.0005 | 0.0002 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD037 | 0861_SD037_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0062 | 0.0080 | 0.058 | 0.0098 | 0.85 | 0.0080 | 0.0058 | 0.0024 | 0.0057 | 0.019 | 0.0035 | 0.0085 | 0.0020 | 0.0042 | 0.0021 | 0.0056 |
| QLD_0861_PFASOMP_24a | SD038 | 0861_SD038_241106 | 06 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0004 | 0.0039 | 0.0003 | 0.029 | 0.0005 | 0.0008 | <0.0005 | 0.0012 | 0.0022 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0011 | 0.0047 |
| QLD_0861_PFASOMP_24a | SD039 | 0861_SD039_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD041 | 0861_SD041_241105 | 05 Nov 2024 | Normal | 1173066 | 0.013 | 0.018 | 0.18 | 0.014 | 0.96 | <0.001 | 0.012 | 0.0085 | 0.014 | 0.024 | 0.0064 | 0.012 | 0.0034 | 0.0021 | 0.0051 | 0.0053 |
| QLD_0861_PFASOMP_24a | SD043 | 0861_SD043_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD045 | 0861_SD045_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0003 | <0.0001 | 0.0038 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | 0.0001 | <0.0001 | 0.0002 | 0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD047 | 0861_SD047_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD048 | 0861_SD048_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0007 | 0.0006 | 0.0065 | 0.0009 | 0.058 | 0.0011 | 0.0021 | <0.0005 | 0.0005 | 0.0022 | 0.0013 | 0.0015 | 0.0016 | 0.0025 | 0.0051 | 0.0075 |
| QLD_0861_PFASOMP_24a | SD049 | 0861_SD049_241101 | 01 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0001 | 0.0013 | 0.0002 | 0.021 | <0.0001 | 0.0004 | <0.0005 | 0.0002 | 0.0003 | 0.0002 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD050 | 0861_SD050_241104 | 04 Nov 2024 | Normal | 1173066 | 0.0021 | 0.0012 | 0.0098 | 0.0005 | 0.0080 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | 0.0002 | 0.0007 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD051 | 0861_SD051_241104 | 04 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0004 | <0.0001 | 0.0048 | <0.0001 | <0.0001 | <0.0005 | 0.0006 | 0.0004 | 0.0003 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366901 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_SD052_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0004 | <0.0001 | 0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0002 |
| QLD_0861_PFASOMP_24a | SD053 | 0861_SD053_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0002 | 0.0027 | <0.0001 | 0.045 | 0.0004 | <0.0001 | <0.0005 | 0.0004 | 0.0008 | 0.0004 | 0.0006 | 0.0004 | 0.0010 | 0.0006 | 0.0014 |
| QLD_0861_PFASOMP_24a | SD056 | 0861_SD056_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0021 | 0.0025 | 0.02 | 0.0021 | 0.2 | 0.0014 | 0.0017 | 0.0016 | 0.0047 | 0.0061 | 0.0032 | 0.0028 | 0.0006 | 0.0007 | 0.0018 | 0.0016 |
| QLD_0861_PFASOMP_24a | SD059 | 0861_SD059_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0006 | 0.0007 | 0.0075 | 0.0013 | 0.16 | 0.0071 | 0.025 | <0.0005 | 0.0002 | 0.0025 | 0.0013 | 0.0024 | 0.0014 | 0.0025 | 0.0037 | 0.0047 |
| QLD_0861_PFASOMP_24a | SD064 | 0861_SD064_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0006 | 0.0006 | 0.0064 | 0.0008 | 0.1 | 0.0010 | <0.001 | 0.0008 | 0.0009 | 0.0014 | 0.0003 | 0.0007 | <0.0001 | 0.0002 | 0.0002 | 0.0001 |
| QLD_0861_PFASOMP_24a | SD067 | 0861_SD067_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0046 | 0.0056 | 0.057 | 0.0063 | 0.77 | 0.0070 | 0.027 | 0.0047 | 0.0082 | 0.013 | 0.0030 | 0.0064 | 0.0040 | 0.0051 | 0.0083 | 0.014 |
| QLD_0861_PFASOMP_24a | SD076 | 0861_SD076_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0014 | 0.0012 | 0.0092 | 0.0009 | 0.063 | 0.0009 | 0.0013 | 0.0010 | 0.0032 | 0.0038 | 0.0014 | 0.0016 | 0.0004 | 0.0005 | 0.0007 | 0.0009 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_QC101_241105 | 05 Nov 2024 | Field_D | 1156536 | <0.005 | <0.005 | 0.022 | <0.005 | 0.13 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_QC201_241105 | 05 Nov 2024 | Interlab_D | 365858 | 0.0008 | 0.001 | 0.011 | 0.001 | 0.066 | - | 0.0005 | <0.0002 | 0.0004 | 0.0014 | 0.0003 | 0.0008 | <0.0001 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_SD079_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0011 | 0.0013 | 0.015 | 0.0016 | 0.077 | 0.0005 | 0.0009 | <0.0005 | 0.0006 | 0.0019 | 0.0005 | 0.0009 | 0.0001 | <0.0001 | 0.0003 | 0.0004 |
| QLD_0861_PFASOMP_24a | SD080 | 0861_SD080_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0068 | 0.0080 | 0.11 | 0.018 | 0.75 | 0.0055 | 0.0044 | 0.0051 | 0.011 | 0.019 | 0.0080 | 0.014 | 0.0079 | 0.01 | 0.018 | 0.02 |
| QLD_0861_PFASOMP_24a | SD088 | 0861_SD088_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD089 | 0861_SD089_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD090 | 0861_SD090_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD091 | 0861_SD091_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD094 | 0861_SD094_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0006 | <0.0001 | 0.0075 | <0.0001 | <0.0001 | <0.0005 | 0.0002 | 0.0002 | 0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD098 | 0861_SD098_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0005 | <0.0001 | 0.0044 | <0.0001 | <0.0001 | <0.0005 | 0.0006 | 0.0005 | 0.0004 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD099 | 0861_SD099_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0003 | <0.0001 | 0.0019 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | SD100 | 0861_SD100_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0001 | 0.0007 | <0.0001 | 0.0028 | <0.0001 | 0.0002 | <0.0005 | 0.0001 | 0.0004 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |

Table C-3 - Sediment Analytical Summary Table

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
| | | | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 | 0.0005 | 0.0001 |
| Project ID | Location Code | Field ID | Date | SampleType | Lab Report Number | | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | SD002 | 0861_QC102_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | 0.0067 | 0.037 | 0.037 | <0.05 |
| QLD_0861_PFASOMP_24a | SD002 | 0861_SD002_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0003 | 0.0003 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0401 | 0.0434 | 0.0531 |
| QLD_0861_PFASOMP_24a | SD003 | 0861_SD003_241031 | 31 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0002 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0149 | 0.0159 | 0.0185 |
| QLD_0861_PFASOMP_24a | SD004 | 0861_SD004_241108 | 08 Nov 2024 | Normal | 1173066 | 0.0002 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.006 | 0.0078 | 0.0093 |
| QLD_0861_PFASOMP_24a | SD005 | 0861_SD005_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0005 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0136 | 0.0144 | 0.0149 |
| QLD_0861_PFASOMP_24a | SD008 | 0861_SD008_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0215 | 0.0245 | 0.0272 |
| QLD_0861_PFASOMP_24a | SD009 | 0861_SD009_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0015 | 0.0018 | 0.0021 |
| QLD_0861_PFASOMP_24a | SD011 | 0861_SD011_241031 | 31 Oct 2024 | Normal | 1173066 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.138 | 0.1465 | 0.1546 |
| QLD_0861_PFASOMP_24a | SD015 | 0861_SD015_241107 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0015 | 0.0028 | 0.0028 |
| QLD_0861_PFASOMP_24a | SD016 | 0861_SD016_241105 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0066 | 0.0074 | 0.0074 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_QC102_241106 | 06 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | 0.011 | 0.011 | <0.05 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_QC202_241106 | 06 Nov 2024 | Interlab_D | 366584 | <0.005 | <0.05 | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 | <0.001 | <0.005 | <0.001 | <0.005 | 0.0086 | - | 0.0091 |
| QLD_0861_PFASOMP_24a | SD018 | 0861_SD018_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0033 | 0.0043 | 0.0047 |
| QLD_0861_PFASOMP_24a | SD020 | 0861_SD020_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0007 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0079 | 0.009 | 0.0105 |
| QLD_0861_PFASOMP_24a | SD021 | 0861_SD021_241101 | 01 Nov 2024 | Normal | 1173066 | 0.0019 | 0.0006 | <0.0001 | <0.0005 | 0.0003 | <0.0001 | 0.0036 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.1138 | 0.1201 | 0.1473 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_QC103_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_QC203_241112 | 12 Nov 2024 | Interlab_D | 366901 | <0.0005 | <0.005 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | 0.0005 | - | 0.0005 |
| QLD_0861_PFASOMP_24a | SD025 | 0861_SD025_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD026 | 0861_SD026_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0049 | 0.0054 | 0.0057 |
| QLD_0861_PFASOMP_24a | SD027 | 0861_SD027_241028 | 28 Oct 2024 | Normal | 1173066 | <0.0001 | <0.001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0157 | 0.0163 | 0.0173 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | 0.011 | 0.011 | <0.05 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_QC205_241107 | 07 Nov 2024 | Interlab_D | 366584 | <0.0005 | <0.005 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | 0.027 | - | 0.027 |
| QLD_0861_PFASOMP_24a | SD028 | 0861_SD028_241107 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0119 | 0.0121 | 0.0124 |
| QLD_0861_PFASOMP_24a | SD030 | 0861_SD030_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0003 | 0.0004 | <0.0001 | 0.0006 | 0.0002 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0206 | 0.0304 | 0.0342 |
| QLD_0861_PFASOMP_24a | SD034 | 0861_SD034_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0144 | 0.0151 | 0.0154 |
| QLD_0861_PFASOMP_24a | SD036 | 0861_SD036_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0019 | 0.0023 | 0.0023 |
| QLD_0861_PFASOMP_24a | SD037 | 0861_SD037_241031 | 31 Oct 2024 | Normal | 1173066 | <0.0005 | <0.0005 | 0.0001 | <0.0005 | <0.0001 | <0.0001 | 0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.908 | 0.9533 | 1.0032 |
| QLD_0861_PFASOMP_24a | SD038 | 0861_SD038_241106 | 06 Nov 2024 | Normal | 1173066 | 0.0011 | 0.0002 | <0.0001 | 0.0007 | 0.0002 | 0.0004 | 0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0329 | 0.0384 | 0.0494 |
| QLD_0861_PFASOMP_24a | SD039 | 0861_SD039_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD041 | 0861_SD041_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0007 | 0.0003 | <0.0001 | <0.0005 | 0.0004 | 0.0007 | 0.0025 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 1.14 | 1.2183 | 1.2872 |
| QLD_0861_PFASOMP_24a | SD043 | 0861_SD043_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0005 | 0.0005 | 0.0005 |
| QLD_0861_PFASOMP_24a | SD045 | 0861_SD045_241112 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0041 | 0.0044 | 0.0045 |
| QLD_0861_PFASOMP_24a | SD047 | 0861_SD047_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD048 | 0861_SD048_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0047 | 0.0074 | <0.0001 | 0.0017 | 0.0006 | 0.0001 | 0.0031 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0645 | 0.073 | 0.1102 |
| QLD_0861_PFASOMP_24a | SD049 | 0861_SD049_241101 | 01 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0223 | 0.0232 | 0.0239 |
| QLD_0861_PFASOMP_24a | SD050 | 0861_SD050_241104 | 04 Nov 2024 | Normal | 1173066 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0178 | 0.0208 | 0.0231 |
| QLD_0861_PFASOMP_24a | SD051 | 0861_SD051_241104 | 04 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0005 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0052 | 0.0065 | 0.0065 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366901 | <0.0005 | <0.005 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | <0.0001 | - | <0.0001 |
| QLD_0861_PFASOMP_24a | SD052 | 0861_SD052_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0004 | <0.0005 | 0.0008 |
| QLD_0861_PFASOMP_24a | SD053 | 0861_SD053_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0005 | 0.0011 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0477 | 0.0502 | 0.0562 |
| QLD_0861_PFASOMP_24a | SD056 | 0861_SD056_241028 | 28 Oct 2024 | Normal | 1173066 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | 0.0039 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.22 | 0.2405 | 0.2579 |
| QLD_0861_PFASOMP_24a | SD059 | 0861_SD059_241031 | 31 Oct 2024 | Normal | 1173066 | <0.0005 | 0.0005 | <0.0001 | <0.0005 | 0.0013 | 0.0002 | 0.0007 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.1675 | 0.1758 | 0.2236 |
| QLD_0861_PFASOMP_24a | SD064 | 0861_SD064_241105 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.1064 | 0.1111 | 0.114 |
| QLD_0861_PFASOMP_24a | SD067 | 0861_SD067_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0043 | 0.0019 | <0.0001 | <0.0005 | 0.0002 | <0.0001 | 0.0029 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.827 | 0.8671 | 0.955 |
| QLD_0861_PFASOMP_24a | SD076 | 0861_SD076_241028 | 28 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0002 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0722 | 0.0846 | 0.0927 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_QC101_241105 | 05 Nov 2024 | Field_D | 1156536 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | 0.152 | 0.152 | 0.152 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_QC201_241105 | 05 Nov 2024 | Interlab_D | 365858 | <0.0005 | <0.005 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | 0.076 | - | 0.083 |
| QLD_0861_PFASOMP_24a | SD079 | 0861_SD079_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.092 | 0.097 | 0.1028 |
| QLD_0861_PFASOMP_24a | SD080 | 0861_SD080_241105 | 05 Nov 2024 | Normal | 1173066 | 0.0084 | 0.015 | <0.0001 | 0.0014 | 0.0066 | 0.0004 | 0.0051 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.86 | 0.9319 | 1.0556 |
| QLD_0861_PFASOMP_24a | SD088 | 0861_SD088_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD089 | 0861_SD089_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD090 | 0861_SD090_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD091 | 0861_SD091_241118 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | SD094 | 0861_SD094_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0081 | 0.0087 | 0.0087 |
| QLD_0861_PFASOMP_24a | SD098 | 0861_SD098_241108 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0049 | 0.0065 | 0.0065 |
| QLD_0861_PFASOMP_24a | SD099 | 0861_SD099_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0022 | 0.0023 | 0.0023 |
| QLD_0861_PFASOMP_24a | SD100 | 0861_SD100_241106 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0035 | 0.0041 | 0.0044 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | 0.097 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | 0.05 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | 0.06 | <0.02 | 0.35 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | <0.02 | <0.02 | 0.06 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | 0.07 | <0.01 | 0.33 | - | <0.02 | <0.02 | <0.02 | 0.03 | <0.01 |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.3 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | 0.04 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | 0.05 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.05 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | 0.037 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.06 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | 0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - | - | - | 44.8 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | 49.9 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | 106 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | 315 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | 3.76 | 2.68 | 20.5 | 2.07 | 152 | - | <0.02 | 0.6 | 1.97 | 6.43 | 0.67 |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | 3.93 | 2.76 | 29.9 | 2.2 | 157 | - | <0.02 | 0.5 | 1.9 | 6.38 | 0.61 |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | 1.9 | - | 21 | - | 190 | - | <0.3 | <1.5 | 1.1 | 5.4 | 0.85 |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | 1.77 | 2.01 | 23.2 | 1.81 | 144 | - | <0.02 | 1 | 1.64 | 6.31 | 1 |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | 0.98 | 0.97 | 9.58 | 0.73 | 66.5 | - | <0.02 | 0.7 | 1.33 | 2.96 | 0.54 |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | 1.00 | 0.92 | 8.15 | 0.83 | 80.7 | - | <0.24 | <1.2 | 0.85 | 2.55 | 0.49 |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | 0.9 | 0.94 | 7.6 | 0.52 | 49.8 | - | <0.16 | <0.8 | 1.16 | 2.44 | 0.45 |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | 1.09 | 0.93 | 8.27 | 0.6 | 55.9 | - | <0.16 | <0.8 | 1.47 | 2.54 | 0.5 |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | 0.93 | 0.82 | 5.8 | 0.63 | 36 | 0.079 | <0.01 | 0.69 | 1.4 | 2.3 | 0.51 |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | 1.24 | 1.03 | 8.61 | 0.52 | 45.4 | - | <0.08 | 0.7 | 1.41 | 3.22 | 0.61 |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | 0.95 | 1.08 | 8.39 | 0.46 | 47.9 | - | <0.17 | 0.9 | 1.45 | 2.98 | 0.60 |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | 0.88 | 0.73 | 6.6 | 0.39 | 43 | 0.046 | <0.01 | 0.65 | 1.3 | 2 | 0.46 |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | 1.16 | 1.63 | 7.67 | 0.99 | 47.4 | - | <0.02 | 0.6 | 1.80 | 3.42 | 0.76 |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | 1.44 | 1.12 | 8.72 | 0.44 | 44.0 | - | <0.10 | 0.5 | 1.80 | 3.89 | 0.59 |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | 1.82 | 1.83 | 10.5 | 0.45 | 42.0 | - | <0.05 | 0.8 | 2.11 | 3.79 | 0.75 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | 2.05 | 1.80 | 12.9 | 0.62 | 43.8 | - | <0.05 | 0.7 | 1.94 | 5.06 | 0.74 |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | 2.50 | 2.25 | 13.2 | 0.56 | 42.0 | - | <0.05 | 1.0 | 2.44 | 5.00 | 0.77 |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | 2.62 | 2.26 | 13.5 | 0.43 | 34.6 | - | <0.10 | <0.5 | 1.90 | 4.62 | 0.81 |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | 3.20 | 2.96 | 20.2 | 0.71 | 48.4 | - | <0.10 | 0.9 | 2.15 | 6.40 | 0.97 |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | 2.2 | 1.6 | 15 | 0.44 | 57 | 0.35 | <0.01 | 0.88 | 1.7 | 4.3 | 0.62 |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | 99.1 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | 67.8 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | 161 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | 122 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | 2.36 | 2.37 | 21 | 2.04 | 88.4 | - | <0.02 | 1.7 | 0.92 | 3.88 | 0.62 |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | 2.5 | 2.34 | 16.6 | 1.64 | 56.7 | - | <0.02 | 0.4 | 0.66 | 3.09 | 0.6 |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | 1.51 | 1.84 | 14.5 | 1.62 | 35.2 | - | <0.02 | 0.1 | 0.63 | 2.77 | 0.46 |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | 1.54 | 1.87 | 14.7 | 1.68 | 36.5 | - | <0.02 | 0.1 | 0.64 | 2.77 | 0.47 |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | 1.3 | 1.5 | 17 | 1.2 | 81 | <0.01 | <0.01 | 0.32 | 0.51 | 3.9 | 0.48 |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | 2.0 | 1.9 | 18 | 1.8 | 33 | - | <0.02 | 0.53 | 0.78 | 3.2 | 0.59 |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | 1.50 | 1.76 | 14.2 | 1.67 | 35.6 | - | <0.24 | <1.2 | 0.36 | 2.46 | 0.43 |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | 1.75 | 2.22 | 17.2 | 1.89 | 38.9 | - | <0.02 | 0.4 | 0.70 | 3.33 | 0.52 |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | 2.06 | 2.00 | 16.6 | 1.59 | 35.2 | - | <0.06 | <0.3 | 0.73 | 3.13 | 0.53 |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | 2.38 | 2.45 | 19.7 | 1.31 | 28.0 | - | <0.04 | 0.5 | 0.76 | 3.94 | 0.66 |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | 2.14 | 2.32 | 17.2 | 1.29 | 27.2 | - | <0.20 | <1.0 | 0.79 | 3.69 | 0.65 |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | 1.7 | 1.6 | 15 | 1.1 | 24 | <0.01 | <0.01 | 0.47 | 0.67 | 2.5 | 0.46 |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | 2.00 | 2.87 | 15.6 | 1.83 | 32.8 | - | <0.02 | 0.5 | 0.80 | 3.71 | 0.57 |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | 2.13 | 2.36 | 19.5 | 1.41 | 33.9 | - | <0.04 | 0.4 | 0.85 | 3.81 | 0.59 |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | 2.04 | 2.54 | 18.1 | 1.40 | 33.6 | - | <0.04 | 0.4 | 0.81 | 3.90 | 0.57 |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | 1.6 | 1.7 | 13 | 0.96 | 19 | <0.01 | <0.01 | 0.45 | 0.63 | 2.3 | 0.39 |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | 0.19 | 0.18 | 1.26 | 0.11 | 4.69 | - | <0.02 | <0.1 | 0.08 | 0.27 | 0.05 |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | 1.50 | 1.70 | 10.6 | 0.50 | 5.78 | - | <0.02 | 0.3 | 0.53 | 2.95 | 0.42 |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | 1.84 | 1.97 | 13.3 | 0.80 | 8.88 | - | <0.02 | 0.4 | 0.67 | 2.85 | 0.46 |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | 1.47 | 1.30 | 9.51 | 0.79 | 11.6 | - | <0.02 | 0.2 | 0.54 | 1.96 | 0.39 |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | 1.46 | 1.61 | 13.1 | 0.90 | 20.8 | - | <0.05 | 0.4 | 0.59 | 2.51 | 0.44 |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | 1.1 | 0.90 | 9.2 | 0.49 | 23 | <0.01 | <0.01 | 0.36 | 0.59 | 3.2 | 0.41 |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | 0.15 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | 0.21 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | 0.024 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | <0.02 | <0.02 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | 0.034 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | 15.5 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | 12 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - | - | - | 37 | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | 8.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | 1.14 | 1.06 | 5.91 | 0.17 | 1.9 | - | <0.02 | <0.1 | 1.05 | 0.88 | 0.23 |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | 0.32 | 0.5 | 2.79 | 0.12 | 1.1 | - | <0.02 | <0.1 | 0.6 | 0.82 | 0.32 |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | 1.30 | 1.51 | 12.2 | 0.62 | 10.5 | - | <0.05 | <0.2 | 2.18 | 3.69 | 1.20 |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | 0.56 | 0.84 | 8.1 | 0.33 | 6.8 | <0.01 | <0.01 | 0.25 | 1 | 2 | 0.69 |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | 1.7 | 2.1 | 26 | 1.1 | 25 | <0.01 | <0.01 | 1.1 | 4.4 | 10 | 1.8 |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | 2.26 | 2.94 | 23.0 | 1.00 | 11.3 | - | <0.05 | <0.5 | 4.12 | 6.51 | 2.08 |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | 0.73 | 0.83 | 6.51 | 0.28 | 3.25 | - | <0.02 | 0.3 | 1.22 | 1.88 | 0.76 |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | 0.98 | 1.28 | 10.6 | 0.81 | 9.87 | - | <0.07 | <0.4 | 1.29 | 2.48 | 1.02 |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | 0.39 | 0.44 | 3.53 | 0.23 | 3.29 | - | <0.10 | <0.50 | 0.54 | 0.90 | 0.37 |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | 1.10 | 2.02 | 10.6 | 1.70 | 30.3 | - | <0.02 | 0.5 | 2.07 | 3.29 | 1.20 |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | 0.63 | 0.75 | 5.78 | 0.46 | 7.07 | - | <0.02 | 0.4 | 0.90 | 1.71 | 0.50 |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | 1.42 | 1.57 | 13.8 | 1.55 | 72.1 | - | <0.05 | <0.9 | 2.71 | 4.22 | 1.19 |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | 0.16 | 0.17 | 1.12 | 0.06 | 2.13 | - | <0.02 | 0.2 | 0.36 | 0.31 | 0.09 |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | 4.36 | 5.78 | 46.8 | 3.69 | 87.1 | - | <0.10 | 2.1 | 7.27 | 12.1 | 4.19 |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | 3.5 | 4.4 | 37 | 1.9 | 80 | 0.06 | <0.01 | 1.6 | 5.4 | 9 | 2.7 |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | 3.67 | 4.74 | 39.0 | 2.35 | 79.6 | 0.43 | <0.02 | 2.5 | 5.19 | 9.73 | 3.87 |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | 4.20 | 6.00 | 48.1 | 3.39 | 97.7 | <0.24 | <0.24 | 4.9 | 6.85 | 11.5 | 3.86 |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | 2.61 | 3.38 | 27.5 | 2.02 | 79.0 | - | <0.24 | <1.2 | 3.45 | 7.00 | 1.90 |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | 0.04 | 0.03 | 0.21 | 0.02 | 0.46 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | 0.66 | 1.06 | 12.1 | 0.55 | 45.0 | - | <0.02 | <0.1 | 0.33 | 1.72 | 0.40 |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | 0.77 | 1.38 | 13.3 | 0.81 | 56.8 | - | <0.02 | 0.2 | 0.40 | 2.14 | 0.54 |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | 0.93 | 1.36 | 13.1 | 0.68 | 44.7 | - | <0.06 | <0.3 | 0.48 | 2.19 | 0.50 |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | 0.80 | 1.30 | 12.7 | 0.59 | 41.2 | - | <0.05 | 0.33 | 0.50 | 2.22 | 0.50 |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | 1.19 | 2.52 | 19.5 | 1.70 | 61.8 | - | <0.02 | 0.3 | 0.57 | 2.82 | 0.68 |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | 1.40 | 2.08 | 24.4 | 1.60 | 71.2 | - | <0.07 | <0.3 | 0.70 | 3.33 | 0.80 |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | 1.60 | 2.32 | 24.9 | 1.08 | 35.0 | - | <0.05 | <0.4 | 0.69 | 3.12 | 0.74 |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | 1.91 | 3.57 | 37.4 | 2.06 | 50.6 | - | <0.05 | 0.3 | 0.73 | 4.45 | 0.93 |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | 2.42 | 4.75 | 48.9 | 2.20 | 92.8 | - | <0.25 | <1.2 | 1.15 | 5.75 | 1.50 |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | 2.34 | 4.85 | 48.2 | 2.51 | 90.7 | - | <0.24 | <1.2 | 1.05 | 5.71 | 1.63 |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | 1.5 | 2.7 | 30 | 2.3 | 58 | 0.12 | <0.01 | 0.44 | 0.89 | 3.4 | 1 |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | 2.18 | 4.25 | 42.8 | 2.08 | 148 | - | <0.10 | 0.5 | 1.03 | 4.72 | 1.10 |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | 1.9 | 3.1 | 34 | 1.9 | 96 | 0.35 | 0.19 | 0.44 | 0.67 | 3.8 | 0.85 |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | 0.88 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | 2.76 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | 3.6 | 3.72 | 30.8 | 0.26 | 1.14 | - | <0.02 | 1 | 0.87 | 5.18 | 0.28 |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | 1.79 | 2.22 | 13.5 | 0.14 | 0.64 | - | <0.02 | 0.3 | 0.52 | 2.47 | 0.24 |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | 1.95 | 2.05 | 16.9 | 0.12 | 0.40 | - | <0.02 | 0.6 | 0.48 | 2.62 | 0.21 |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | 2.22 | 2.00 | 10.9 | 0.12 | 1.00 | - | <0.02 | 0.8 | 0.43 | 1.87 | 0.29 |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | 2.15 | 1.82 | 8.36 | 0.14 | 0.95 | - | <0.02 | 0.83 | 0.32 | 1.41 | 0.25 |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | 2.24 | 1.75 | 9.34 | 0.14 | 0.91 | - | <0.02 | 0.77 | 0.31 | 1.02 | 0.22 |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | 1.26 | 1.92 | 16.3 | 0.32 | 1.83 | - | <0.02 | 0.4 | 0.26 | 1.26 | 0.24 |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | 1.42 | 1.27 | 7.72 | 0.15 | 1.29 | - | <0.02 | 0.7 | 0.29 | 1.44 | 0.27 |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | 0.61 | 0.61 | 3.95 | 0.05 | 0.29 | - | <0.02 | 0.2 | 0.13 | 0.57 | 0.07 |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | 0.18 | 0.21 | 1.42 | <0.02 | 0.12 | - | <0.02 | <0.1 | 0.04 | 0.23 | 0.02 |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | 0.18 | 0.22 | 1.53 | <0.02 | 0.11 | - | <0.02 | <0.1 | 0.04 | 0.21 | 0.02 |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | 0.13 | 0.15 | 1.1 | <0.01 | 0.071 | <0.01 | <0.01 | 0.067 | 0.025 | 0.13 | 0.013 |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | 1.15 | 1.35 | 8.16 | 0.11 | 0.79 | - | <0.03 | 0.5 | 0.27 | 1.18 | 0.18 |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | 1.52 | 1.51 | 8.06 | 0.14 | 2.03 | - | <0.02 | 0.7 | 0.31 | 1.30 | 0.23 |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | 0.68 | 0.59 | 3.79 | 0.06 | 0.68 | - | <0.02 | 0.3 | 0.11 | 0.51 | 0.09 |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | 1.2 | 0.75 | 4.9 | 0.08 | 1.4 | <0.01 | <0.01 | 0.64 | 0.22 | 0.95 | 0.18 |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | 0.37 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | 0.59 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | 0.06 | 0.03 | 0.26 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | 0.03 | 0.02 | 0.11 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | 0.03 | 0.02 | 0.10 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | 0.02 | 0.02 | 0.13 | <0.02 | 0.20 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | 0.03 | 0.03 | 0.15 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | 0.04 | 0.03 | 0.15 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | 0.05 | 0.04 | 0.23 | <0.02 | 1.11 | - | <0.02 | <0.1 | 0.02 | 0.04 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | 0.033 | 0.027 | 0.14 | <0.01 | 0.065 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | 0.10 | 0.13 | 0.84 | 0.02 | 0.31 | - | <0.02 | <0.1 | 0.03 | 0.07 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | 0.07 | 0.07 | 0.45 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | 0.16 | 0.16 | 0.66 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | 0.09 | 0.06 | 0.37 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | 0.06 | 0.05 | 0.26 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | 0.06 | 0.05 | 0.27 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | 0.049 | 0.045 | 0.23 | <0.01 | 0.11 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | 0.07 | 0.06 | 0.43 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | 0.14 | 0.15 | 0.74 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | 0.08 | 0.06 | 0.35 | 0.02 | 0.14 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | <0.03 | <0.02 | 0.09 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | 0.02 | 0.02 | 0.08 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | 0.02 | 0.02 | 0.08 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | 0.24 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | 0.51 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | 0.21 | 0.17 | 0.98 | 0.04 | 0.6 | - | <0.02 | 0.1 | 0.06 | 0.16 | 0.03 |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | 0.29 | 0.2 | 1.29 | 0.02 | 0.3 | - | <0.02 | <0.1 | 0.05 | 0.18 | 0.03 |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | 0.11 | 0.08 | 0.41 | <0.02 | 0.12 | - | <0.02 | <0.1 | 0.02 | 0.08 | <0.02 |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | 0.10 | 0.07 | 0.45 | <0.02 | 0.28 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | 0.11 | 0.10 | 0.50 | <0.02 | 0.27 | - | <0.02 | <0.1 | 0.03 | 0.08 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | 0.12 | 0.08 | 0.41 | <0.02 | 0.16 | - | <0.02 | <0.10 | 0.03 | 0.06 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | 0.11 | 0.07 | 0.41 | <0.02 | 0.12 | - | <0.02 | <0.10 | 0.03 | 0.07 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | 0.096 | 0.064 | 0.4 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | 0.026 | 0.054 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | 0.14 | 0.12 | 0.58 | 0.02 | 0.37 | - | <0.02 | <0.1 | 0.05 | 0.12 | 0.02 |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | 0.13 | 0.10 | 0.58 | <0.02 | 0.14 | - | <0.02 | <0.1 | 0.03 | 0.08 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | 0.28 | 0.21 | 1.17 | 0.04 | 0.46 | - | <0.02 | 0.2 | 0.21 | 0.29 | 0.08 |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | 0.25 | 0.20 | 1.38 | 0.06 | 1.06 | - | <0.02 | 0.3 | 0.38 | 0.64 | 0.15 |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | 0.27 | 0.26 | 1.34 | 0.06 | 1.03 | - | <0.02 | 0.3 | 0.43 | 0.58 | 0.16 |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | 0.25 | 0.20 | 1.27 | 0.05 | 1.09 | <0.02 | <0.02 | 0.3 | 0.39 | 0.47 | 0.14 |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | 0.18 | 0.15 | 1.07 | 0.05 | 1.39 | - | <0.02 | 0.2 | 0.36 | 0.48 | 0.12 |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | 0.20 | 0.11 | 0.97 | 0.06 | 1.0 | <0.01 | <0.01 | 0.27 | 0.39 | 0.51 | 0.12 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | 0.21 | 0.18 | 1.2 | 0.05 | 1.4 | - | <0.02 | 0.28 | 0.38 | 0.53 | 0.13 |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - | - | - | 43.4 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | 40.6 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | 4.54 | 4.53 | 19.9 | 2.32 | 40.7 | - | <0.02 | 1 | 0.96 | 4.68 | 0.66 |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | 3.74 | 4.91 | 19.1 | 1.37 | 28.4 | - | <0.02 | 0.1 | 1.25 | 5.24 | 0.94 |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | 1.90 | 1.85 | 13.6 | 1.26 | 17.1 | - | <0.02 | <0.1 | 0.46 | 2.54 | 0.47 |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | 3.57 | 2.61 | 20.3 | 3.08 | 33.9 | - | <0.02 | 0.8 | 0.93 | 4.74 | 0.98 |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | 3.61 | 2.82 | 21.9 | 3.19 | 35.6 | - | <0.02 | 0.8 | 1.00 | 4.83 | 0.96 |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | 4.2 | 4.2 | 35 | 2.4 | 48 | - | <0.02 | 1.0 | 1.2 | 5.5 | 0.89 |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | 3.27 | 3.81 | 21.3 | 2.21 | 22.9 | - | <0.02 | 0.68 | 0.81 | 3.89 | 0.78 |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | 3.38 | 3.43 | 22.7 | 2.02 | 25.4 | - | <0.10 | 0.89 | 0.98 | 4.68 | 0.87 |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | 3.49 | 3.72 | 25.3 | 2.54 | 41.2 | - | <0.08 | 0.9 | 1.10 | 5.45 | 1.00 |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | 4.00 | 3.65 | 28.1 | 2.82 | 32.0 | - | <0.05 | 0.7 | 1.01 | 5.48 | 0.90 |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | 0.22 | 0.21 | 1.50 | 0.20 | 3.37 | - | <0.02 | <0.1 | 0.07 | 0.31 | 0.05 |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | 0.80 | 0.85 | 5.97 | 0.64 | 10.3 | - | <0.02 | 0.2 | 0.23 | 1.27 | 0.21 |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | 1.46 | 2.28 | 10.2 | 1.43 | 16.2 | - | <0.02 | 0.3 | 0.46 | 1.96 | 0.40 |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | 1.38 | 1.81 | 9.22 | 0.97 | 12.5 | - | <0.02 | 0.3 | 0.43 | 1.85 | 0.32 |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | 2.81 | 2.96 | 20.5 | 1.77 | 32.1 | - | <0.05 | 0.6 | 0.85 | 4.23 | 0.80 |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | 2.9 | 2.7 | 20 | 2.0 | 41 | <0.1 | <0.1 | 0.68 | 0.60 | 3.9 | 0.60 |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | 0.7 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | 0.34 | 0.3 | 2.26 | 0.12 | 2.03 | - | <0.02 | <0.1 | 0.05 | 0.29 | 0.04 |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | 0.44 | 0.49 | 3.07 | 0.1 | 3.03 | - | <0.02 | <0.1 | 0.12 | 0.47 | 0.07 |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | 0.38 | 0.37 | 2.67 | 0.18 | 3.12 | - | <0.02 | <0.1 | 0.08 | 0.44 | 0.07 |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | 0.44 | 0.47 | 3.26 | 0.21 | 3.98 | - | <0.02 | <0.1 | 0.10 | 0.47 | 0.10 |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | 0.55 | 0.64 | 3.72 | 0.28 | 3.33 | - | <0.02 | <0.1 | 0.12 | 0.6 | 0.11 |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | 0.77 | 0.75 | 4.66 | 0.32 | 4.25 | - | <0.02 | <0.10 | 0.19 | 0.87 | 0.16 |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | 0.55 | 0.68 | 3.98 | 0.30 | 4.29 | - | <0.02 | 0.1 | 0.15 | 0.71 | 0.12 |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | 0.76 | 0.75 | 5.39 | 0.38 | 4.53 | - | <0.02 | <0.1 | 0.18 | 0.98 | 0.14 |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | 0.83 | 1.02 | 5.11 | 0.50 | 6.04 | - | <0.02 | <0.2 | 0.20 | 0.92 | 0.17 |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | 0.78 | 0.97 | 6.14 | 0.56 | 5.63 | - | <0.02 | 0.1 | 0.20 | 1.11 | 0.18 |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | 0.71 | 0.94 | 5.27 | 0.38 | 4.29 | - | <0.02 | 0.2 | 0.21 | 0.88 | 0.16 |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | 0.64 | 0.77 | 4.07 | 0.25 | 3.44 | - | <0.02 | 0.1 | 0.16 | 0.72 | 0.12 |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | 0.68 | 0.76 | 4.73 | 0.32 | 4.33 | - | <0.02 | 0.1 | 0.18 | 0.85 | 0.15 |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | 0.71 | 0.73 | 3.94 | 0.30 | 3.82 | - | <0.02 | 0.1 | 0.16 | 0.82 | 0.12 |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | 0.62 | 0.55 | 3 | 0.21 | 2.3 | <0.01 | <0.01 | 0.13 | 0.14 | 0.66 | 0.091 |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | 0.68 | 0.67 | 4.6 | 0.30 | 1.3 | <0.01 | <0.01 | 0.14 | 0.13 | 0.84 | 0.11 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | 0.64 | 0.69 | 4.4 | 0.28 | 3.3 | - | <0.02 | 0.1 | 0.2 | 0.75 | 0.13 |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | 0.2 | 0.11 | 0.32 | <0.02 | <0.01 | - | <0.02 | <0.1 | 0.04 | 0.13 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | 0.57 | 0.81 | 1.6 | 0.03 | 0.04 | - | <0.02 | <0.1 | 0.19 | 1.29 | 0.37 |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | 1.14 | 0.83 | 2.59 | <0.10 | <0.10 | - | <0.10 | <0.5 | 0.36 | 2.52 | 0.40 |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | 1.07 | 0.85 | 2.75 | <0.10 | <0.10 | - | <0.10 | <0.5 | 0.22 | 2.31 | 0.36 |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | 1.24 | 1.01 | 2.69 | 0.04 | 0.03 | - | <0.02 | 0.4 | 0.41 | 2.51 | 0.39 |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | 1.48 | 1.03 | 2.91 | <0.10 | <0.10 | - | <0.10 | <0.50 | 0.57 | 2.68 | 0.49 |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | 1.45 | 1.10 | 2.96 | 0.05 | <0.06 | - | <0.02 | 0.4 | 0.61 | 2.84 | 0.46 |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | 1.79 | 1.27 | 3.38 | 0.03 | 0.03 | - | <0.02 | 0.5 | 0.78 | 4.28 | 0.52 |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | 2.97 | 2.20 | 5.31 | <0.07 | 0.12 | - | <0.02 | 0.7 | 1.14 | 6.31 | 0.88 |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | 5.49 | 4.49 | 11.4 | 0.22 | 0.16 | - | <0.02 | 1.5 | 2.01 | 13.2 | 1.83 |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | 4.66 | 4.62 | 12.7 | 0.21 | 0.24 | - | <0.02 | 1.2 | 1.88 | 9.86 | 1.76 |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | 3.90 | 3.79 | 11.3 | 0.30 | 0.41 | - | <0.02 | 0.9 | 1.44 | 7.69 | 1.32 |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | 4.88 | 4.39 | 13.5 | 0.19 | 0.23 | - | <0.02 | 1.3 | 1.85 | 10.5 | 1.78 |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | 5.0 | 4.0 | 13 | 0.20 | 0.26 | <0.01 | <0.01 | 1.2 | 1.8 | 9.2 | 1.5 |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | 0.76 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | <0.02 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | 2.55 | 1.55 | 7.38 | 0.59 | 21.5 | - | <0.02 | <0.1 | 0.56 | 1.86 | 0.33 |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | 1.76 | 1.67 | 7.65 | 0.93 | 23.1 | - | <0.02 | 0.2 | 0.79 | 3.58 | 1.04 |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | 1.48 | 1.37 | 8.06 | 0.68 | 17.0 | - | <0.02 | 0.5 | 0.60 | 3.34 | 0.83 |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | 1.60 | 1.49 | 8.92 | 0.74 | 15.9 | - | <0.02 | 0.6 | 0.70 | 3.63 | 0.97 |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | 1.70 | 1.57 | 9.04 | 0.81 | 20.8 | - | <0.07 | <0.3 | 0.61 | 3.43 | 0.92 |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | 1.62 | 1.56 | 8.95 | 0.78 | 18.7 | - | <0.05 | 0.72 | 0.76 | 3.95 | 0.90 |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | 1.72 | 1.85 | 8.64 | 0.93 | 23.2 | - | 0.03 | 0.5 | 0.80 | 3.88 | 1.04 |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | 1.82 | 1.79 | 8.50 | 0.98 | 22.8 | - | <0.02 | 0.6 | 0.83 | 3.40 | 1.08 |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | 1.6 | 1.3 | 5.9 | 0.55 | 13 | <0.01 | <0.01 | 0.58 | 0.6 | 2.2 | 0.7 |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | 1.68 | 1.50 | 9.21 | 0.86 | 24.0 | - | <0.10 | <0.5 | 0.76 | 4.36 | 0.98 |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | 1.65 | 1.57 | 9.19 | 0.81 | 23.6 | - | <0.10 | <0.5 | 0.77 | 4.41 | 0.96 |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | 1.5 | 1.4 | 8.4 | 0.68 | 18 | <0.01 | <0.01 | 0.6 | 0.73 | 3.2 | 0.73 |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | 2.21 | 2.07 | 10.2 | 0.92 | 24.6 | - | <0.02 | 0.7 | 0.86 | 4.23 | 1.11 |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | 1.69 | 1.89 | 9.52 | 1.47 | 27.9 | - | <0.02 | 0.6 | 0.72 | 4.30 | 0.89 |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | 1.59 | 1.53 | 7.86 | 0.87 | 19.9 | - | <0.02 | 0.7 | 0.80 | 3.29 | 0.85 |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | 1.66 | 1.72 | 9.01 | 0.75 | 20.9 | - | <0.02 | 0.6 | 0.77 | 3.44 | 0.78 |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | 1.60 | 1.92 | 11.2 | 0.88 | 24.1 | - | <0.02 | 0.6 | 0.81 | 3.93 | 1.01 |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | 1.6 | 1.4 | 9.0 | 0.66 | 17 | <0.01 | <0.01 | 0.56 | 0.61 | 3.1 | 0.74 |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | <0.04 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | <0.04 | <0.02 | <0.01 | <0.02 | <0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0038 | - | <0.0005 | <0.0020 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.21 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | 0.013 | <0.01 | 0.23 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.59 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | <0.03 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | 0.02 | <0.01 | 0.07 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | 0.03 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | 0.03 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | 0.02 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.08 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | 0.03 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | <0.01 | <0.01 | 0.04 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | 2.98 | 1.58 | 3.7 | <0.02 | 0.02 | - | <0.02 | <0.1 | 0.16 | 0.57 | 0.04 |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | 3.48 | 2.72 | 7.57 | <0.02 | 0.03 | - | <0.02 | <0.1 | 0.23 | 1.47 | 0.19 |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | 3.18 | 2.54 | 6.95 | <0.02 | 0.03 | - | <0.02 | <0.1 | 0.25 | 1.43 | 0.17 |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | 2.38 | 2.43 | 15 | 0.94 | 51.7 | - | <0.02 | 0.4 | 0.68 | 3.16 | 0.62 |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | 2.74 | 2.09 | 6.50 | <0.02 | 0.04 | - | <0.02 | <0.1 | 0.28 | 1.76 | 0.18 |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | 2.31 | 1.96 | 5.81 | <0.02 | 0.01 | - | <0.02 | 0.2 | 0.29 | 1.41 | 0.16 |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | 1.96 | 1.71 | 4.6 | <0.04 | <0.04 | - | <0.04 | <0.2 | 0.2 | 1.24 | 0.13 |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | 1.5 | 1.2 | 3.8 | <0.01 | 0.025 | <0.01 | <0.01 | 0.15 | 0.19 | 1.1 | 0.11 |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | 2.01 | 1.42 | 4.25 | <0.02 | 0.03 | - | <0.02 | <0.10 | 0.20 | 1.08 | 0.13 |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | 1.38 | 1.46 | 3.57 | <0.02 | 0.06 | - | <0.02 | <0.1 | 0.18 | 0.90 | 0.12 |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | 1.45 | 1.24 | 3.78 | <0.02 | 0.02 | - | <0.02 | 0.1 | 0.16 | 0.97 | 0.10 |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | 0.55 | 0.40 | 1.75 | 0.07 | 2.51 | - | <0.02 | <0.1 | 0.08 | 0.42 | 0.05 |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | 1.43 | 1.26 | 3.91 | <0.02 | 0.41 | - | <0.02 | 0.1 | 0.17 | 1.15 | 0.10 |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | 2.24 | 2.53 | 6.26 | 0.08 | 0.56 | - | <0.02 | 0.2 | 0.41 | 1.83 | 0.27 |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | 1.8 | 1.4 | 5.4 | 0.06 | 0.18 | <0.01 | <0.01 | 0.18 | 0.24 | 1.2 | 0.16 |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | 2.32 | 2.20 | 5.33 | 0.05 | 0.61 | - | <0.02 | 0.2 | 0.35 | 1.68 | 0.18 |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | 2.38 | 2.29 | 6.40 | 0.06 | 0.50 | - | <0.02 | 0.6 | 0.36 | 1.76 | 0.22 |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | 2.1 | 1.5 | 6.4 | 0.037 | 0.33 | <0.01 | <0.01 | 0.35 | 0.41 | 2 | 0.21 |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | 2.43 | 2.35 | 8.14 | 0.08 | 0.84 | - | <0.02 | 0.3 | 0.36 | 1.86 | 0.23 |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | 2.60 | 2.48 | 8.18 | 0.09 | 0.73 | - | <0.02 | 0.3 | 0.39 | 1.97 | 0.22 |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | 2 | 1.4 | 5.5 | 0.041 | 0.44 | <0.01 | <0.01 | 0.3 | 0.39 | 1.7 | 0.2 |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | 2.1 | 1.6 | 7.7 | 0.14 | 0.37 | <0.01 | <0.01 | 0.33 | 0.43 | 2.1 | 0.25 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | 2.2 | 1.8 | 7.1 | 0.13 | 0.35 | <0.01 | <0.01 | 0.31 | 0.41 | 2.0 | 0.24 |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | 0.10 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | 0.09 | 0.18 |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | 0.14 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | 0.07 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | 0.06 | 0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | 0.08 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.11 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | 0.08 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | 0.07 | 0.04 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | 0.31 | 0.05 | 0.14 | <0.02 | 0.30 | - | <0.02 | <0.3 | 0.37 | 0.21 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | 0.10 | <0.02 | 0.04 | <0.02 | 0.08 | - | <0.02 | 0.2 | 0.11 | 0.06 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | 0.58 | 0.13 | 0.13 | <0.02 | 0.13 | - | <0.02 | 0.3 | 0.62 | 0.54 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | 0.23 | 0.04 | 0.16 | <0.02 | 0.33 | - | <0.02 | 0.2 | 0.30 | 0.30 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | 0.42 | 0.10 | 0.13 | <0.01 | 0.26 | <0.01 | <0.01 | 0.17 | 0.38 | 0.46 | <0.01 |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | 0.03 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | <0.04 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | 0.012 | <0.01 | 0.028 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | 0.02 | <0.02 | 0.06 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | 0.07 | 0.03 | 0.18 | <0.01 | 0.17 | <0.01 | <0.01 | <0.05 | 0.02 | 0.05 | <0.01 |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | 0.05 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | 0.36 | 0.08 | 0.22 | <0.02 | 0.27 | - | <0.02 | 0.10 | 0.08 | 0.21 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | 0.28 | 0.09 | 0.21 | <0.02 | 0.18 | - | <0.02 | <0.1 | 0.08 | 0.14 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | 0.04 | <0.02 | 0.05 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | 0.06 | <0.02 | 0.08 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | 0.043 | 0.012 | 0.047 | <0.01 | 0.048 | <0.01 | <0.01 | <0.05 | <0.02 | 0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | 0.20 | 0.07 | 0.30 | <0.02 | 0.40 | - | <0.02 | <0.1 | 0.05 | 0.10 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | 0.05 | <0.02 | 0.04 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | 0.21 | 0.06 | 0.22 | <0.02 | 0.24 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | 0.34 | 0.08 | 0.24 | 0.02 | 0.47 | <0.01 | <0.01 | 0.09 | 0.07 | 0.11 | 0.02 |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | 0.03 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.01 | <0.02 | <0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | - | <0.25 | <1.2 | <0.25 | <0.25 | <0.25 |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | - | <0.25 | <1.2 | <0.25 | <0.25 | <0.25 |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | <0.03 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | 11.1 | 13.9 | 96.6 | 9.66 | 201 | - | <0.10 | 7.7 | 16.3 | 46.1 | 11.9 |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | 16.7 | 17.2 | 129 | 9.86 | 288 | - | <0.20 | 15.7 | 29.2 | 69.5 | 13.9 |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | 16 | 18 | 160 | 11 | 360 | <0.1 | <0.1 | 14 | 28 | 76 | 16 |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | 18.1 | 19.4 | 130 | 8.65 | 200 | - | <0.02 | 16.2 | 29.8 | 67.4 | 12.8 |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | 18.6 | 17.4 | 122 | 9.24 | 251 | - | <1.62 | <8.1 | 27.6 | 62.0 | 13.0 |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | 18.8 | 21.2 | 146 | 10.5 | 219 | - | <0.44 | 16.6 | 33.9 | 85.4 | 17.1 |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | 18.9 | 20.0 | 139 | 11.8 | 242 | - | <0.18 | 16.0 | 30.2 | 79.8 | 15.8 |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | 14 | 13 | 110 | 6.3 | 160 | <0.01 | <0.01 | 14 | 29 | 56 | 12 |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | 18.5 | 29.1 | 127 | 13.6 | 293 | - | <0.05 | 14.7 | 39.5 | 69.7 | 18.9 |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | 12.5 | 11.6 | 83.4 | 6.70 | 194 | - | <0.50 | 11.6 | 25.9 | 50.0 | 9.55 |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | 12.3 | 11.8 | 85.0 | 7.15 | 179 | - | <0.25 | 13.0 | 28.0 | 45.4 | 9.28 |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | 13.9 | 16.5 | 120 | 12.6 | 215 | - | <0.25 | 17.8 | 34.9 | 74.8 | 12.7 |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | 4.42 | 4.85 | 34.2 | 3.78 | 87.1 | - | <0.25 | 5.5 | 12.5 | 16.9 | 3.90 |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | 7.25 | 7.52 | 52.4 | 6.28 | 195 | - | <0.25 | 9.6 | 20.4 | 27.0 | 5.88 |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | 1.29 | 1.29 | 9.48 | 0.99 | 26.8 | - | <0.05 | 3.7 | 5.04 | 5.03 | 1.13 |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | 17 | 15 | 120 | 12 | 240 | 0.33 | 0.01 | 18 | 54 | 78 | 10 |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | 0.03 | <0.02 | 0.10 | <0.02 | 0.41 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | <0.02 | <0.02 | 0.07 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | 0.02 | <0.02 | 0.03 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | 0.75 | 0.9 | 7.67 | 0.42 | 5.87 | - | <0.04 | <0.2 | 0.2 | 1.05 | 0.13 |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | 0.82 | 0.79 | 7.08 | 0.37 | 6.17 | - | <0.03 | <0.2 | 0.17 | 0.99 | 0.12 |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | 0.65 | 0.62 | 5.4 | 0.32 | 3.5 | <0.01 | <0.01 | 0.13 | 0.17 | 0.86 | 0.092 |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | 0.11 | 0.08 | 0.64 | 0.02 | 0.89 | - | <0.02 | <0.10 | 0.02 | 0.09 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | 0.11 | 0.10 | 0.76 | 0.03 | 0.95 | - | <0.02 | <0.10 | 0.03 | 0.12 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | 0.1 | 0.08 | 0.74 | 0.026 | 0.87 | <0.01 | <0.01 | <0.05 | 0.022 | 0.1 | 0.011 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | 0.22 | 0.19 | 0.18 | 0.08 | 2.46 | - | <0.02 | 0.2 | 0.19 | 0.24 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | 0.07 | 0.04 | 0.20 | <0.02 | 0.44 | - | <0.02 | <0.1 | 0.03 | 0.04 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | 0.21 | 0.1 | 1 | 0.05 | 1.8 | <0.01 | <0.01 | 0.19 | 0.14 | 0.16 | 0.01 |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | 1.58 | 0.67 | 3.58 | 0.23 | 5.21 | - | <0.02 | 0.72 | 0.82 | 1.58 | 0.03 |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | 0.86 | 0.64 | 4.01 | 0.16 | 2.84 | - | <0.02 | 0.3 | 0.40 | 1.03 | 0.10 |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | 1.51 | 2.88 | 20.9 | 1.64 | 50.2 | - | <0.05 | 0.4 | 0.64 | 2.73 | 0.93 |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | 1.1 | 1.6 | 19 | 1.1 | 30 | 0.039 | <0.01 | 0.3 | 0.52 | 2.2 | 0.52 |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | 1.45 | 1.39 | 10.3 | 0.52 | 6.38 | - | <0.02 | 0.5 | 0.60 | 2.64 | 0.24 |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | 1.03 | 1.28 | 6.55 | 0.43 | 4.24 | - | <0.02 | 0.4 | 0.60 | 1.44 | 0.15 |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | <0.07 | 0.05 | 0.42 | 0.03 | 0.68 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | 0.06 | 0.05 | 0.51 | 0.04 | 0.84 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | 0.048 | 0.046 | 0.57 | 0.03 | 0.81 | <0.01 | <0.01 | <0.05 | <0.02 | 0.032 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | 0.98 | 0.85 | 7.62 | 0.37 | 7.85 | - | <0.02 | 0.5 | 0.54 | 1.29 | 0.13 |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | 0.37 | 0.24 | 2.5 | 0.12 | 2.3 | <0.01 | <0.01 | 0.17 | 0.18 | 0.45 | 0.04 |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | 1.65 | 1.35 | 10.5 | 0.61 | 15.8 | - | <0.02 | 0.3 | 0.52 | 2.33 | 0.34 |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | 1.10 | 1.11 | 8.19 | 0.32 | 9.42 | - | <0.02 | 0.2 | 0.35 | 1.48 | 0.20 |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | 1.11 | 1.12 | 8.08 | 0.33 | 10.1 | - | <0.02 | 0.2 | 0.36 | 1.50 | 0.21 |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | 1.3 | 1.6 | 8.8 | 0.37 | 11 | - | <0.02 | 0.36 | 0.40 | 1.6 | 0.25 |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | 0.97 | 0.96 | 7.53 | 0.30 | 10.0 | - | <0.02 | 0.2 | 0.32 | 1.27 | 0.20 |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | 0.9 | 1.01 | 6.79 | 0.33 | 9.63 | - | <0.04 | 0.2 | 0.32 | 1.23 | 0.18 |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | 0.82 | 0.84 | 6.01 | 0.28 | 8.66 | - | <0.05 | 0.38 | 0.34 | 1.20 | 0.18 |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | 0.47 | 0.47 | 3.22 | 0.14 | 4.77 | - | <0.02 | 0.1 | 0.18 | 0.60 | 0.09 |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | 0.12 | 0.09 | 0.74 | 0.03 | 1.60 | - | <0.02 | <0.10 | 0.04 | 0.16 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | 0.37 | 0.33 | 2.19 | 0.13 | 2.96 | - | <0.02 | <0.1 | 0.12 | 0.44 | 0.06 |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | 0.86 | 1.01 | 7.46 | 0.32 | 13.4 | - | <0.10 | <0.5 | 0.24 | 1.37 | 0.14 |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | 0.39 | 0.45 | 2.97 | 0.16 | 5.66 | - | <0.02 | <0.1 | 0.14 | 0.45 | 0.08 |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | 0.48 | 0.50 | 3.43 | 0.16 | 5.62 | - | <0.02 | <0.1 | 0.14 | 0.52 | 0.08 |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | 0.44 | 0.53 | 3.53 | 0.19 | 6.52 | - | <0.02 | 0.1 | 0.15 | 0.49 | 0.08 |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | 0.43 | 0.37 | 2.7 | 0.12 | 4.8 | <0.01 | <0.01 | 0.13 | 0.14 | 0.46 | 0.063 |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | 0.14 | 0.14 | 1.13 | 0.04 | 1.50 | - | <0.02 | <0.1 | 0.03 | 0.14 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | 0.06 | <0.01 | 0.75 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | 0.02 | <0.01 | 0.08 | <0.01 | 0.59 | - | <0.02 | <0.02 | <0.02 | 0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | 4.05 | 2.76 | 19.2 | 0.94 | 27.5 | - | <0.02 | 1.5 | 1.52 | 6.30 | 0.82 |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | 4.01 | 2.58 | 15.9 | 0.87 | 24.2 | - | <0.02 | 1.6 | 1.60 | 6.65 | 0.88 |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | 3.91 | 2.63 | 17.6 | 0.86 | 26.9 | - | <0.02 | 1.5 | 1.53 | 6.49 | 0.89 |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | 3.39 | 2.60 | 16.3 | 0.52 | 27.2 | - | <0.02 | 1.3 | 1.35 | 5.05 | 0.53 |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | 2.65 | 2.14 | 11.2 | 0.44 | 21.0 | - | <0.02 | 1.2 | 1.11 | 4.04 | 0.48 |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | 2.67 | 2.09 | 11.0 | 0.41 | 21.2 | - | <0.02 | 1.1 | 1.12 | 3.92 | 0.48 |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | 2.5 | 1.6 | 10 | 0.45 | 21 | - | <0.02 | 1.2 | 1.0 | 3.6 | 0.46 |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | 1.53 | 1.41 | 8.3 | 0.39 | 15.2 | - | <0.03 | 0.2 | 0.54 | 2.21 | 0.3 |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | 1.80 | 1.46 | 8.78 | 0.40 | 11.3 | - | <0.05 | 1.31 | 0.86 | 3.02 | 0.39 |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | 1.93 | 1.81 | 10.5 | 0.51 | 15.4 | - | <0.02 | 0.8 | 0.90 | 3.49 | 0.41 |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | 0.42 | 0.36 | 1.68 | 0.08 | 3.15 | - | <0.02 | 0.2 | 0.18 | 0.57 | 0.08 |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | 1.49 | 1.17 | 5.68 | 0.22 | 10.2 | - | <0.02 | 0.6 | 0.61 | 2.55 | 0.28 |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | 0.09 | 0.07 | 0.35 | <0.01 | 0.56 | <0.01 | <0.01 | <0.05 | 0.03 | 0.11 | 0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | 0.09 | 0.07 | 0.41 | <0.01 | 0.64 | <0.01 | <0.01 | <0.05 | 0.04 | 0.12 | 0.02 |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | 0.024 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | 0.03 | <0.02 | 0.07 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | 0.02 | <0.02 | 0.07 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.01 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | 0.07 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | 0.04 | 0.02 | 0.13 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | 0.04 | 0.02 | 0.12 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | 0.028 | 0.014 | 0.084 | <0.01 | 0.16 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | 0.04 | <0.02 | 0.10 | <0.02 | 0.22 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | 0.03 | <0.02 | 0.07 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | <0.02 | <0.02 | <0.03 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | 0.03 |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | <0.01 | <0.01 | 0.061 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | <0.05 | <0.02 | <0.02 | <0.02 | 0.10 | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | <0.02 | <0.02 | 0.08 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | 0.03 | 0.03 | 0.20 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | <0.04 | 0.02 | 0.16 | <0.02 | 0.19 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | 0.03 | <0.02 | 0.14 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | <0.02 | <0.02 | 0.09 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.03 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | 0.12 | 0.13 | 0.86 | 0.05 | 0.38 | - | <0.02 | <0.1 | 0.02 | 0.07 | <0.02 |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | 0.08 | 0.15 | 0.85 | 0.05 | 0.33 | - | <0.02 | <0.1 | 0.03 | 0.05 | <0.02 |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | 0.06 | 0.08 | 0.62 | 0.03 | 0.23 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | 0.08 | 0.10 | 0.80 | 0.05 | 0.47 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | 0.08 | 0.11 | 0.81 | 0.04 | 0.46 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | 0.10 | 0.12 | 0.90 | 0.07 | 0.53 | - | <0.02 | <0.1 | <0.02 | 0.09 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | 0.1 | 0.12 | 0.7 | 0.06 | 0.68 | - | <0.02 | <0.1 | <0.02 | 0.09 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | 0.14 | 0.16 | 0.98 | 0.06 | 1.00 | - | <0.02 | <0.10 | 0.03 | 0.11 | 0.03 |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | <0.02 | 0.07 | 0.41 | 0.03 | 0.40 | - | <0.02 | <0.1 | <0.02 | <0.05 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | 0.05 | 0.05 | 0.30 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | 0.06 | 0.07 | 0.40 | 0.02 | 0.32 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | 0.09 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | 0.06 | 0.05 | 0.30 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | 0.17 | 0.25 | 1.39 | 0.08 | 1.01 | - | <0.02 | <0.1 | 0.04 | 0.17 | 0.03 |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | 0.20 | 0.26 | 1.60 | 0.08 | 1.12 | - | <0.02 | <0.1 | 0.04 | 0.18 | 0.04 |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | 0.16 | 0.18 | 1.3 | 0.07 | 0.67 | <0.01 | <0.01 | <0.05 | 0.03 | 0.19 | 0.03 |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | 0.02 |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | 0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | 0.14 | 0.09 | 0.41 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | 0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | 0.12 | 0.08 | 0.13 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | 0.08 | 0.06 | 0.16 | <0.02 | 0.04 | - | <0.02 | <0.1 | 0.04 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | 0.08 | 0.04 | 0.10 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | 0.12 | 0.05 | 0.09 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | 0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | 0.09 | 0.05 | 0.07 | <0.02 | 0.04 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | 0.02 | <0.02 | 0.05 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | 0.02 | <0.02 | 0.04 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | 0.12 | 0.09 | 0.42 | <0.02 | 0.25 | - | <0.02 | <0.1 | 0.02 | 0.09 | 0.02 |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | 0.14 | 0.12 | 0.48 | <0.02 | 0.28 | - | <0.02 | <0.1 | 0.03 | 0.10 | <0.02 |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | 0.099 | 0.075 | 0.38 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | 0.021 | 0.077 | 0.013 |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | 0.37 | 0.31 | 1.54 | 0.07 | 1.03 | - | <0.02 | 0.1 | 0.06 | 0.33 | 0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | 0.28 | 0.21 | 0.97 | 0.02 | 0.28 | - | <0.02 | 0.1 | 0.04 | 0.19 | 0.03 |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | 0.29 | 0.25 | 0.90 | 0.03 | 0.30 | - | <0.02 | <0.1 | 0.04 | 0.15 | 0.04 |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | 0.25 | 0.18 | 0.81 | <0.01 | 0.17 | <0.01 | <0.01 | 0.093 | 0.031 | 0.15 | 0.024 |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | 0.27 | 0.19 | 0.76 | 0.03 | 0.35 | - | <0.02 | <0.1 | 0.02 | 0.05 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | 0.07 | 0.06 | 0.27 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | 0.36 | 0.17 | 0.95 | 0.03 | 0.33 | <0.01 | <0.01 | 0.13 | 0.05 | 0.06 | 0.01 |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | 0.1 | 0.14 | 0.80 | 0.07 | 0.58 | - | <0.02 | 0.02 | <0.02 | 0.08 | 0.01 |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | 0.10 | 0.10 | 0.62 | 0.02 | 0.94 | - | <0.02 | 0.1 | 0.20 | 0.24 | 0.07 |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | 0.09 | 0.07 | 0.48 | 0.02 | 0.66 | <0.01 | <0.01 | 0.10 | 0.18 | 0.22 | 0.06 |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | 0.34 | 0.19 | 0.26 | <0.02 | 0.18 | - | <0.02 | 0.2 | 0.12 | 0.38 | 0.03 |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | 0.28 | 0.12 | 0.14 | <0.01 | 0.07 | <0.01 | <0.01 | 0.11 | 0.09 | 0.35 | 0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.02 | 0.05 | <0.02 | <0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | 3.73 | 2.44 | 4.26 | <0.02 | <0.01 | - | <0.02 | 0.6 | 0.88 | 3.85 | 0.28 |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | 3.96 | 2.30 | 4.10 | <0.02 | <0.01 | - | <0.02 | 0.6 | 0.90 | 3.87 | 0.27 |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | 2.9 | 1.9 | 3.1 | <0.01 | <0.01 | <0.01 | <0.01 | 0.48 | 0.64 | 2.9 | 0.21 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <13.8 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | 0.02 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.04 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | 10.9 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | 5.56 | - | - | - | - | - | - | - | 0.5 | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | 9.91 | - | - | - | - | - | - | - | 1.2 | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | 7.85 | - | - | - | - | - | - | - | 1.2 | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | 2.44 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.29 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | 2.46 | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.28 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | 2.2 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <1.5 | <0.3 | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | 1.95 | 0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.31 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | 0.98 | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.33 | 0.07 | <0.05 |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | 0.75 | <0.24 | <0.24 | <0.24 | <0.73 | <0.24 | <0.61 | <0.24 | 0.27 | <0.24 | <0.24 |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | 0.79 | <0.16 | <0.16 | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | 0.4 | <0.16 | <0.16 |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | 0.92 | <0.16 | <0.16 | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | 0.47 | <0.16 | <0.16 |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | 0.85 | 0.066 | 0.012 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.41 | 0.032 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | 1.03 | <0.08 | <0.08 | <0.08 | <0.08 | <0.08 | <0.20 | <0.08 | 0.29 | <0.08 | <0.08 |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | 0.96 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | <0.43 | <0.17 | 0.90 | <0.17 | <0.17 |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | 0.72 | 0.063 | 0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.31 | 0.049 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | 1.07 | 0.07 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.36 | 0.06 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | 1.00 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | 0.37 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | 1.03 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.39 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | 1.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.42 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | 0.99 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.55 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | 1.21 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | 0.43 | <0.10 | <0.10 |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | 1.51 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | 0.51 | <0.10 | <0.10 |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | 1.2 | 0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.39 | 0.04 | <0.01 |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | 2.71 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | 2.48 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | 3.12 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | 2.08 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | 2 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.24 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | 1.09 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.23 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | 1.23 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.14 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | 1.23 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.16 | <0.05 | <0.05 |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | 1.2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.25 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | 1.4 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.20 | <0.01 | <0.01 |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | 0.95 | <0.24 | <0.24 | <0.24 | <1.06 | <0.24 | <0.60 | <0.24 | <0.24 | <0.24 | <0.24 |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | 1.43 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.18 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | 1.37 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | 0.18 | <0.06 | <0.06 |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | 1.47 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.10 | <0.05 | 0.12 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | 1.37 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.50 | <0.20 | 1.74 | <0.20 | <0.20 |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | 1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.13 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | 1.26 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.14 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | 1.35 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.09 | <0.05 | <0.15 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | 1.37 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.11 | <0.05 | 0.12 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | 0.85 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.085 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | 0.11 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | 0.69 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | 0.82 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | 0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | 0.84 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | 0.13 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | 0.98 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.11 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | 0.71 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.08 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | 1.14 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | 0.83 | - | - | - | - | - | - | - | 0.3 | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | 1.03 | - | - | - | - | - | - | - | <0.1 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | 0.39 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | 0.28 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.18 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | 0.36 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | 1.31 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.14 | <0.05 | <0.05 |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | 0.8 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.11 | <0.01 | <0.01 |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | 1.8 | 0.13 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.41 | 0.01 | <0.01 |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | 2.20 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | 0.78 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.10 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | 1.33 | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.18 | <0.07 | 0.08 | <0.07 | <0.07 |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | 0.52 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | 2.07 | 0.18 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.34 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | 0.91 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.15 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | 2.60 | 0.51 | 0.11 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 0.71 | <0.10 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | 5.59 | 0.64 | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | 0.88 | <0.10 | <0.10 |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | 4.2 | 0.63 | 0.058 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.68 | 0.079 | <0.01 |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | 4.78 | 0.59 | 0.06 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.78 | 0.07 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | 6.16 | 0.66 | <0.24 | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | 0.76 | <0.24 | <0.24 |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | 3.17 | 0.40 | <0.24 | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | 0.49 | <0.24 | <0.24 |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | 1.44 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.07 | 0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | 1.69 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.08 | 0.07 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | 1.72 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.06 | <0.06 | <0.06 |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | 1.62 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | 0.06 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | 2.19 | 0.07 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.08 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | 3.10 | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.07 | <0.07 | <0.07 |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | 2.43 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.25 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | 3.07 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | 4.45 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.25 | <0.25 | <0.25 |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | 4.36 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 | <0.61 | <0.24 | <0.24 | <0.24 | <0.24 |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | 2.4 | 0.072 | 0.013 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.052 | 0.053 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | 4.72 | 0.11 | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | <0.10 | <0.20 | <0.10 |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | 2.3 | 0.08 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | 0.05 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | 0.58 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | 1.37 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | 0.29 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | 0.33 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | 0.23 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | 0.35 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | 0.34 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | 0.34 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | 0.56 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | 0.40 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | 0.14 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | 0.018 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | 0.25 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | 0.45 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | 0.16 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | 0.39 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | 0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | 0.08 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | 0.017 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | 0.12 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | 0.17 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | 0.17 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | 0.13 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | 0.11 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | 0.15 | 0.02 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.03 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | 4.42 | - | - | - | - | - | - | - | 0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | 0.20 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | 2.45 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | 1.58 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | 2 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | 0.87 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | 1.75 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | 1.78 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | 2.1 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.06 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | 1.42 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | 1.60 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | 1.98 | <0.08 | <0.08 | <0.08 | <0.08 | <0.08 | <0.21 | <0.08 | <0.08 | <0.08 | <0.08 |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | 1.86 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | 0.13 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | 0.42 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | 0.84 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | 0.74 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | 1.44 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | 1.1 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.11 | 0.19 | 0.07 | 0.04 |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | 0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | 0.14 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | 0.14 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | 0.19 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | 0.27 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | 0.20 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | 0.27 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | 0.32 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | 0.29 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | 0.26 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | 0.21 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | 0.23 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | 0.18 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | 0.16 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | 0.20 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | 0.22 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | 0.23 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | 0.27 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | 0.20 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | 0.26 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | 0.32 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | 0.31 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.08 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | 0.31 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | 0.57 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | 1.19 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | 1.37 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | 1.41 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | 1.29 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | 1.3 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | 0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.15** | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | <0.02 | - | - | - | - | - | - | - | <0.1 | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | **1.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | **2.77** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | **1.63** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | **1.94** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | **1.92** | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.07 | <0.07 | <0.07 |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | **2.01** | **0.06** | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.10** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | **2.13** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | **2.20** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.09** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | **1.6** | **0.048** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.062** | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | **2.27** | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.13** | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | **2.21** | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | **1.6** | **0.062** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.11** | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | **2.67** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | **2.23** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | **1.86** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.11 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | **2.02** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | **2.13** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | **1.7** | **0.05** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.023** | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.11** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.19** | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.17** | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | 19 | | | | | | | | | | |

| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.1** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.06** | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.001 | **0.002** | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.09** | <0.02 | <0.02 |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | 1.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.25 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.09 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | 0.12 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | 0.11 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | 0.084 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | 0.12 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | 0.13 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | 0.086 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | 0.18 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | 0.16 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | 0.03 | 0.10 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | 0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.13 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | 0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | <0.05 | <0.05 | <0.1 | <0.1 | <0.2 | <0.5 | <2 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.13 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.25 | <0.25 | <0.25 |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.25 | <0.25 | <0.25 |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | 23.7 | 0.56 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | 15.8 | 1.59 | <0.10 |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | 31.5 | 0.74 | <0.20 | <0.20 | <0.20 | <0.20 | <0.50 | <0.20 | 38.8 | 3.00 | <0.20 |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | 36 | 0.85 | 0.14 | <0.1 | <0.1 | <0.1 | <0.1 | 0.09 | 37 | 3.7 | <0.1 |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | 38.0 | 0.71 | 0.12 | <0.02 | <0.02 | <0.02 | <0.05 | 0.11 | 7.83 | 2.31 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | 32.4 | <1.62 | <1.62 | <1.62 | <1.62 | <1.62 | <4.05 | <1.62 | 41.2 | 2.92 | <1.62 |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | 39.1 | 0.62 | <0.44 | <0.44 | <0.44 | <0.44 | <1.11 | <0.44 | 43.8 | 1.74 | <0.44 |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | 37.2 | 0.64 | <0.18 | <0.18 | <0.18 | <0.18 | <0.45 | <0.18 | 41.2 | 2.08 | <0.18 |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | 27 | 0.53 | 0.074 | <0.01 | <0.01 | <0.02 | <0.02 | 0.1 | 36 | 1.7 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | 40.3 | 0.72 | 0.09 | <0.05 | <0.05 | <0.05 | <0.12 | 0.09 | 38.5 | 2.98 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | 21.7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <1.25 | <0.50 | 33.6 | 1.75 | <0.50 |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | 22.1 | 0.42 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | 34.5 | 1.60 | <0.25 |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | 31.6 | 0.66 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | 34.6 | 1.74 | <0.25 |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | 7.75 | 0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | 13.9 | 0.80 | <0.25 |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | 14.2 | 0.50 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | 24.1 | 2.55 | <0.25 |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | 2.18 | 0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | 3.43 | <0.20 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | 23 | 0.85 | 0.09 | <0.01 | <0.01 | <0.01 | 0.04 | 0.07 | 41 | 1.1 | <0.01 |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | 0.26 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | 0.26 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | 0.2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | 0.018 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | 0.025 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | 0.07 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | 0.17 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | 2.37 | 0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | 1.5 | 0.035 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.032 | 0.015 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | 0.52 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | 0.32 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | 0.29 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | 0.65 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.08 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | 0.31 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | 0.32 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | 0.47 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | 0.30 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | 0.29 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | 0.30 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | 0.13 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | 0.26 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | 0.12 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | 0.10 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | 0.11 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | 1.68 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | 1.71 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | 1.76 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | 0.88 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | 0.77 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | 0.78 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | 0.78 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | 0.6 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | 0.76 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | 1.07 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | 0.16 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | 0.40 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | 0.015 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.50** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.10** | <0.10 | <0.10 |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.091** | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.86** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.52** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.41** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.19** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.05** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.08 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | 0.07 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | 0.07 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.07 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | 0.017 | <0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.56 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | 220 | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | 19 | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.12** | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | **0.023** | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | **0.039** | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | **0.04** | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.06** | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | **0.06** | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.12 | <4.32 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.02 | - |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.41 | - | 0.52 | - |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.29 | - | 0.34 | - |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.41 | - | - | - |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.08 | - |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.09 | - |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.05 | - | 0.05 | - |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.08 | - |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.08 | - |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | - | 0.07 | - |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | 0.18 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 172 | - | 189 | - |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | 0.17 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 187 | - | 203 | - |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | <1.5 | - | <1.5 | - | - | <1.5 | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | 0.21 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 167 | - | 181 | - |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | 0.26 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 76.1 | - | 84.0 | - |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | <0.24 | <0.61 | <0.24 | <0.61 | <0.61 | <0.24 | <0.61 | 88.8 | - | 94.8 | - |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | <0.16 | <0.4 | <0.16 | <0.4 | <0.4 | <0.16 | <0.4 | 57.4 | - | 63.5 | - |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | <0.16 | <0.4 | <0.16 | <0.4 | <0.4 | <0.16 | <0.4 | 64.2 | - | 71.2 | - |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | 0.16 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | 0.23 | <0.20 | <0.08 | <0.20 | <0.20 | <0.08 | <0.20 | 54.0 | - | 62.5 | - |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | 0.34 | <0.43 | <0.17 | <0.43 | <0.43 | <0.17 | <0.43 | 56.3 | - | 65.0 | - |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | 0.13 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | 0.35 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 55.1 | - | 64.3 | - |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | 0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 52.7 | - | 62.3 | - |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | 0.28 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 52.5 | - | 63.2 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | 0.22 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 56.7 | - | 68.7 | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | 0.13 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 55.2 | - | 68.4 | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | 0.20 | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | 48.1 | - | 59.7 | - |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | 0.17 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 68.6 | - | 84.2 | - |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | 0.23 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 72 | - | 83.33 | - |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | 1.62 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 109 | - | 121 | - |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | 0.32 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 73.3 | - | 81.9 | - |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | 0.57 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 49.7 | - | 56.5 | - |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | 0.59 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 51.2 | - | 58.1 | - |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | 0.56 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 98 | - | 105.96 | - |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | 0.5 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 51 | - | - | - |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | 0.29 | <0.60 | <0.24 | <0.60 | <0.60 | <0.24 | <0.60 | 49.8 | - | 55.5 | - |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | 0.48 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 56.1 | - | 64.4 | - |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | 0.14 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 | 51.8 | - | 59.8 | - |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | 0.51 | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 | 47.7 | - | 57.5 | - |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | 0.50 | <0.50 | <0.20 | <0.50 | <0.50 | <0.20 | <0.50 | 44.4 | - | 54.8 | - |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | 0.12 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | 0.53 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 48.4 | - | 57.4 | - |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | <0.48 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 | 53.4 | - | 62.5 | - |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | <0.42 | <0.11 | <0.04 | <0.11 | <0.11 | <0.04 | <0.11 | 51.7 | - | 60.9 | - |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | 0.13 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | 0.10 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 5.95 | - | 6.65 | - |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | 0.06 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 16.4 | - | 22.8 | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | 0.09 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 22.2 | - | 29.3 | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | 0.06 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 21.1 | - | 26.6 | - |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | 0.11 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 33.9 | - | 40.4 | - |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | 0.17 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 32.2 | - | 38.65 | - |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | 0.09 | <0.12 | <0.12 | 0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.17 | - | 0.17 | - |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.81 | - | 11.6 | - |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 3.89 | - | 6.31 | - |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 22.7 | - | 32.5 | - |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 14.9 | - | 20.31 | - |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 51 | - | 72.22 | - |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 34.3 | - | 51.5 | - |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 9.76 | - | 15.5 | - |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | <0.07 | <0.18 | <0.07 | <0.18 | <0.18 | <0.07 | <0.18 | 20.5 | - | 27.6 | - |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 6.82 | - | 9.54 | - |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 40.9 | - | 51.5 | - |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 12.8 | - | 18.0 | - |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 85.9 | - | 98.8 | - |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 3.25 | - | 4.43 | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | <0.10 | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | 134 | - | 170 | - |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 119 | - | 149 | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | <0.24 | <0.59 | <0.24 | <0.59 | <0.59 | <0.24 | <0.59 | 146 | - | 184 | - |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | <0.24 | <0.59 | <0.24 | <0.59 | <0.59 | <0.24 | <0.59 | 106 | - | 125 | - |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.67 | - | 0.78 | - |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 75.3 | - | 61.8 | - |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 70.1 | - | 76.0 | - |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 | 57.8 | - | 63.6 | - |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 53.9 | - | 59.9 | - |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 81.3 | - | 89.1 | - |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | <0.07 | <0.17 | <0.07 | <0.17 | <0.17 | <0.07 | <0.17 | 95.6 | - | 105 | - |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 59.9 | - | 68.5 | - |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 88.0 | - | 99.4 | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | 142 | - | 157 | - |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | <0.24 | <0.61 | <0.24 | <0.61 | <0.61 | <0.24 | <0.61 | 139 | - | 154 | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | 0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | <0.10 | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | 191 | - | 205 | - |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 130 | - | 140.01 | - |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 31.9 | - | 43.2 | - |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 14.1 | - | 19.8 | - |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 17.3 | - | 23.4 | - |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 11.9 | - | 17.9 | - |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 9.31 | - | 14.6 | - |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 10.2 | - | 15.2 | - |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 18.1 | - | 22.1 | - |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 9.01 | - | 13.5 | - |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.24 | - | 5.96 | - |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.54 | - | 2.05 | - |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.64 | - | 2.12 | - |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | <0.03 | <0.06 | <0.03 | <0.06 | <0.06 | <0.03 | <0.06 | 8.95 | - | 12.5 | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 10.1 | - | 14.6 | - |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.47 | - | 6.32 | - |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 6.3 | - | 9.88 | - |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.38 | - | 0.44 | - |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.19 | - | 0.22 | - |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.23 | - | 0.26 | - |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.33 | - | 0.35 | - |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.27 | - | 0.36 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.23 | - | 0.27 | - |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.34 | - | 1.47 | - |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.15 | - | 1.36 | - |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.52 | - | 0.59 | - |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.84 | - | 1.04 | - |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.50 | - | 0.59 | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.42 | - | 0.48 | - |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.42 | - | 0.48 | - |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.59 | - | 0.69 | - |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.90 | - | 1.08 | - |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.49 | - | 0.58 | - |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.16 | - | 0.16 | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.10 | - |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.1 | - | 0.12 | - |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.58 | - | 2.22 | - |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.59 | - | 2.18 | - |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.53 | - | 0.74 | - |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.73 | - | 0.92 | - |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.77 | - | 1.02 | - |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.57 | - | 0.80 | - |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.53 | - | 0.76 | - |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.95 | - | 1.31 | - |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.72 | - | 0.98 | - |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.63 | - | 2.81 | - |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.44 | - | 4.33 | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.37 | - | 4.28 | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.36 | - | 4.06 | - |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.46 | - | 3.93 | - |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.97 | - | 3.57 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 2.6 | - | - | - |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | 0.20 | - |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 60.6 | - | 74 | - |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 47.5 | - | 60.8 | - |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 30.7 | - | 36.9 | - |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 54.2 | - | 67.0 | - |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 57.5 | - | 70.5 | - |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 83 | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 44.2 | - | 55 | - |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 48.1 | - | 60.5 | - |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | <0.08 | <0.21 | <0.08 | <0.21 | <0.21 | <0.08 | <0.21 | 66.5 | - | 80.4 | - |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 60.1 | - | 74.0 | - |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.87 | - | 5.65 | - |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 16.3 | - | 19.4 | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 26.4 | - | 31.8 | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 21.7 | - | 26.7 | - |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 52.6 | - | 63.3 | - |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | 0.10 | <0.05 | <0.05 | 0.22 | 61 | - | 71.04 | - |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.29 | - | 5.07 | - |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.1 | - | 7.35 | - |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 5.79 | - | 6.90 | - |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.24 | - | 8.49 | - |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.05 | - | 8.62 | - |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.91 | - | 11.2 | - |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.27 | - | 10.1 | - |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 9.92 | - | 12.2 | - |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 11.2 | - | 13.6 | - |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 11.8 | - | 14.4 | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 9.56 | - | 12.0 | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.51 | - | 9.46 | - |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 9.06 | - | 11.2 | - |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.76 | - | 9.85 | - |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5.9 | - | 8 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 7.7 | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.32 | - | 0.69 | - |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.64 | - | 4.29 | - |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 2.59 | - | 7.28 | - |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 2.75 | - | 6.91 | - |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.72 | - | 7.93 | - |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 2.91 | - | 8.45 | - |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.96 | - | 9.11 | - |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 3.41 | - | 11.6 | - |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 5.43 | - | 18.0 | - |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 11.6 | - | 36.8 | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 12.9 | - | 33.7 | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 11.7 | - | 28.4 | - |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 13.7 | - | 35.3 | - |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 13.26 | - | 33.26 | - |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** | - | **0.03** | - |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | **0.15** | - |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.02** | - | - | - |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** | - | **0.02** | - |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **28.9** | - | **35.3** | - |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **30.8** | - | **41** | - |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **25.1** | - | **33.5** | - |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **24.8** | - | **34.4** | - |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | <0.07 | <0.17 | <0.07 | <0.17 | <0.17 | <0.07 | <0.17 | **29.8** | - | **38.4** | - |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **27.6** | - | **37.7** | - |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **31.8** | - | **42.0** | - |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **31.3** | - | **41.3** | - |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **33.2** | - | **43.4** | - |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **32.8** | - | **42.8** | - |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **34.8** | - | **46.7** | - |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **37.4** | - | **47.9** | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **27.8** | - | **36.8** | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **29.9** | - | **39.2** | - |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **35.3** | - | **45.5** | - |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **26** | - | **34.4** | - |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **0.06** | - | **0.06** | - |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | **0.11** | - |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** | - | **0.02** | - |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** | - | **0.02** | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** | - | **0.02** | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** | - | **0.02** | - |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | **0.19** | - |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | **0.17** | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | 0.06 | - |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.01 | - | - | - |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | <0.0005 | <0.001 | <0.0005 | <0.001 | <0.001 | <0.0005 | <0.001 | 0.0038 | - | 0.0058 | - |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.21 | - | 0.21 | - |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.59 | - | 0.59 | - |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | - | 0.21 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.04 | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.05 | - | 0.05 | - |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.08 | - |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | - | 0.05 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 3.72 | - | 7.47 | - |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.6 | - | 13 | - |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.98 | - | 12 | - |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | 0.28 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 66.7 | - | 75.3 | - |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.54 | - | 11.5 | - |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 5.82 | - | 10.2 | - |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | <0.04 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 | 4.6 | - | 8.13 | - |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.28 | - | 7.73 | - |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 3.63 | - | 6.24 | - |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 3.80 | - | 6.61 | - |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.26 | - | 5.44 | - |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.32 | - | 7.30 | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.82 | - | 11.9 | - |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5.58 | - | 9.22 | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 5.94 | - | 10.8 | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.90 | - | 12.3 | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.98 | - | 14.3 | - |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.91 | - | 14.5 | - |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 8.07 | - | 13.46 | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 7.45 | - | 12.77 | - |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | 0.37 | - |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | 0.14 | - |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.23 | - |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.11 | - |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.19 | - |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.44 | - | 1.33 | - |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.12 | - | 0.59 | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.26 | - | 2.30 | - |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.49 | - | 1.53 | - |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.39 | - | 1.82 | - |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.07 | - |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.09 | - |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.21 | - | 0.23 | - |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.35 | - | 0.64 | - |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.15 | - | 0.21 | - |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.49 | - | 1.26 | - |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.39 | - | 0.89 | - |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.10 | - | 0.14 | - |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.14 | - | 0.20 | - |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.70 | - | 1.07 | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.10 | - | 0.15 | - |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.46 | - | 0.76 | - |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.71 | - | 1.36 | - |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | <0.5 | <0.2 | <0.1 | <0.2 | <0.5 | <0.1 | <2 | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.05 | - |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.14 | - |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | <0.25 | - | <0.25 | - |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | <0.25 | - | <0.25 | - |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 298 | - | 432 | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | <0.20 | <0.50 | <0.20 | <0.50 | <0.50 | <0.20 | <0.50 | 417 | - | 635 | - |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 520 | - | 746.7 | - |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 330 | - | 522 | - |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | <1.62 | <4.05 | <1.62 | <4.05 | <4.05 | <1.62 | <4.05 | 373 | - | 571 | - |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | <0.44 | <1.11 | <0.44 | <1.11 | <1.11 | <0.44 | <1.11 | 365 | - | 621 | - |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | <0.18 | <0.45 | <0.18 | <0.45 | <0.45 | <0.18 | <0.45 | 381 | - | 622 | - |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 420 | - | 663 | - |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | <0.50 | <1.25 | <0.50 | <1.25 | <1.25 | <0.50 | <1.25 | 277 | - | 444 | - |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | 264 | - | 430 | - |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | 335 | - | 557 | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | 121 | - | 187 | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | 247 | - | 358 | - |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 36.3 | - | 58.1 | - |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 360 | - | 602.1 | - |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.51 | - | 0.54 | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.30 | - | 0.30 | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | <0.04 | <0.1 | <0.04 | <0.1 | <0.1 | <0.04 | <0.1 | 13.5 | - | 15.9 | - |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 | 13.2 | - | 15.6 | - |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.53 | - | 1.77 | - |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.71 | - | 1.99 | - |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.64 | - | 3.53 | - |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.64 | - | 0.78 | - |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.79 | - | 13.6 | - |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 6.85 | - | 9.77 | - |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 71.1 | - | 79.7 | - |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 16.7 | - | 22.6 | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 10.8 | - | 14.7 | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.10 | - | 1.13 | - |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.35 | - | 1.41 | - |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 15.5 | - | 19.2 | - |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 4.8 | - | 6.08 | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 26.3 | - | 32.2 | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 17.6 | - | 21.2 | - |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 18.2 | - | 21.9 | - |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 20 | - | - | - |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 17.5 | - | 20.8 | - |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | <0.04 | <0.1 | <0.04 | <0.1 | <0.1 | <0.04 | <0.1 | 16.4 | - | 19.5 | - |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 14.7 | - | 17.9 | - |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 7.99 | - | 9.58 | - |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.34 | - | 2.70 | - |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 5.15 | - | 6.27 | - |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | 20.9 | - | 23.7 | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 8.63 | - | 9.81 | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 9.05 | - | 10.4 | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 10.0 | - | 11.4 | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.63 | - | 2.97 | - |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.81 | - | 0.82 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.67 | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 46.7 | - | 62.6 | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 40.1 | - | 56.6 | - |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 44.5 | - | 60.6 | - |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 43.5 | - | 56.0 | - |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 32.2 | - | 42.4 | - |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 32.2 | - | 42.3 | - |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 31 | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 | 23.5 | - | 28.9 | - |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 20.1 | - | 28.2 | - |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 25.9 | - | 34.5 | - |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.83 | - | 6.44 | - |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 15.9 | - | 21.8 | - |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.91 | - | 1.17 | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.05 | - | 1.34 | - |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.30 | - | 0.33 | - |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.18 | - | 0.24 | - |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.08 | - |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 0.17 | - | 0.17 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.35 | - | 0.39 | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.34 | - | 0.40 | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.32 | - | 0.36 | - |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.22 | - | 0.25 | - |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.07 | - | 0.07 | - |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.50 | - |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.14 | - |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.01 | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.02 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.03 | - |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | <0.10 | - |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 | - | 0.10 | - |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.10 | - | 0.10 | - |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | 0.07 | - | 0.07 | - |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.24 | - | 0.28 | - |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.38 | - | 0.44 | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.35 | - | 0.36 | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.27 | - | 0.30 | - |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.22 | - | 0.22 | - |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | - | 0.12 | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | - | 0.12 | - |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | <0.02 | - |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.87 | - |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.52 | - |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | 0.41 | - |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.19 | - |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.05 | - |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.04 | - | 0.04 | - |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.06 | - |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.24 | - | 1.46 | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.18 | - | 1.34 | - |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.85 | - | 0.94 | - |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.27 | - | 1.43 | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.27 | - | 1.44 | - |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.43 | - | 1.67 | - |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.38 | - | 1.69 | - |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.98 | - | 2.36 | - |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.81 | - | 0.81 | - |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.48 | - | 0.60 | - |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.72 | - | 0.87 | - |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.14 | - | 0.17 | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.48 | - | 0.61 | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.40 | - | 2.89 | - |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 2.72 | - | 3.26 | - |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.97 | - | 2.45 | - |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.02 | - |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.09 | - |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.07 | - |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.03 | - | 0.1 | - |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | <0.02 | - |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.02 | 0.039 | <0.05 | <0.02 | 0.044 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.02 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.49 | - | 0.73 | - |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.01 | - | 0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 | 0.01 | 0.0002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | 0.07 | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.02 | - | 0.14 | - |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.17 | - | 0.31 | - |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.20 | - | 0.32 | - |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.14 | - | 0.22 | - |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.11 | - | 0.23 | - |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.06 | - | 0.08 | - |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.11 | - | 0.20 | - |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.08 | - | 0.10 | - |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.05 | - | 0.07 | - |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.67 | - | 0.96 | - |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.76 | - | 1.08 | - |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | 2.57 | - | 3.59 | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.25 | - | 1.95 | - |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.20 | - | 1.79 | - |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.11 | - | 1.50 | - |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.42 | - | 0.52 | - |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.28 | - | 1.92 | - |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 1.4 | - | - | - |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.02 | - | 0.02 | - |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | 0.08 | - |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 | - | 0.06 | - |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 | - | <0.02 | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - | <0.01 | - | <0.02 |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.03 | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | - | <0.05 | - |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 1.56 | - | 2.35 | - |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.14 | - | 1.85 | - |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.44 | - | 1.53 | - |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.21 | - | 1.07 | - |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 0.05 | - | 0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.03 | - | <0.05 | - |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.26 | - | 13.6 | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | 4.10 | - | 13.7 | - |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 3.1 | - | 10.25 | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | - | 0.52 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | - | 0.34 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | - | 0.49 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | - | 0.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | - | 0.09 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | - | 0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | - | 0.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | - | 194 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | - | 208 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | - | 185 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | - | 86.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | - | 96.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | - | 65 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | - | 72.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | - | 64.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | - | 66.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | - | 67.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | - | 64.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | - | 65.8 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | - | 71.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | - | 71.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | - | 62.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | - | 89.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | - | 86.89 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | - | 127 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | - | 86.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | - | 60.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | - | 62.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | - | 110.22 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | - | 64 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | - | 59.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | - | 69.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | - | 63.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | - | 61.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | - | 58.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | - | 62.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | - | 66.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | - | 64.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | - | 7.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | - | 25.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | - | 32.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | - | 28.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | - | 43.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | - | 40.7 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | - | 0.14 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | - | 0.17 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | - | 12.8 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | - | 6.93 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | - | 34.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | - | 21.68 | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | - | 76.49 | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | - | 55.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | - | 16.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | - | 29.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | - | 10.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | - | 55.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | - | 19.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | - | 102 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | - | 4.66 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | - | 180 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | - | 157 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | - | 194 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | - | 132 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | - | 0.84 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | - | 63.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | - | 78.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | - | 65.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | - | 61.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | - | 93.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | - | 109 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | - | 71.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | - | 105 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | - | 164 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | - | 161 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | - | 211 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | - | 145.96 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | - | 47.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | - | 22.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | - | 25.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | - | 20.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | - | 16.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | - | 17.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | - | 24.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | - | 15.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | - | 6.62 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | - | 2.26 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | - | 2.34 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | - | 13.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | - | 16.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | - | 7.15 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | - | 11.21 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | - | 0.47 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | - | 0.24 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | - | 0.28 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | - | 0.37 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | - | 0.39 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | - | 0.30 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | - | 1.51 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | - | 1.51 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | - | 0.66 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | - | 1.20 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | - | 0.65 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | - | 0.53 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | - | 0.53 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.75 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | - | 1.28 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | - | 0.69 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.16 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | - | 0.12 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | - | 0.14 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | - | 2.43 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | - | 2.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | - | 0.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | - | 0.99 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | - | 1.12 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | - | 0.88 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | - | 0.83 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | - | 1.45 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | - | 1.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | - | 3.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | - | 4.59 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | - | 4.60 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | - | 4.31 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | - | 4.19 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | - | 3.84 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | - | 4.6 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | - | 0.20 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | - | <0.10 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | - | <0.02 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotetradecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | - | 80.9 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | - | 67.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | - | 40.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | - | 72.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | - | 76.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | - | 100 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | - | 61.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | - | 66.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | - | 86.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | - | 80.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | - | 6.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | - | 20.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | - | 35.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | - | 29.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | - | 68.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | - | 78.02 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | - | 5.49 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | - | 7.94 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | - | 7.45 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | - | 9.17 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | - | 9.54 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | - | 12.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | - | 11.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | - | 13.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | - | 15.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | - | 16.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | - | 13.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | - | 10.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | - | 12.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | - | 10.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | - | 9.35 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | - | 11 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | - | 0.8 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | - | 5.13 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | - | 8.11 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | - | 7.76 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | - | 8.98 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | - | 9.48 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | - | 10.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | - | 12.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | - | 20.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | - | 41.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | - | 38.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | - | 32.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | - | 39.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | - | 39.66 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | - | <0.01 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | - | 0.15 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | - | 37.4 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | - | 43.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | - | 35.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | - | 36.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | - | 40.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | - | 40.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | - | 44.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | - | 44.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | - | 45.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | - | 45.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | - | 49.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | - | 51.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | - | 39.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | - | 41.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | - | 48.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | - | 37.12 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | - | 0.11 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | - | 0.19 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | - | 0.17 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotetradecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | - | 0.0058 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | - | 0.21 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | - | 0.59 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | - | 0.21 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | - | 0.13 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | - | 0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | - | 0.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | - | <0.1 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | - | 9.05 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | - | 15.7 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | 14.6 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | 78.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | - | 13.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | - | 12.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | - | 9.84 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | - | 9.15 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | - | 7.70 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | - | 7.85 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | - | 5.91 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | - | 8.56 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | - | 14.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | - | 11.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | - | 13.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | - | 14.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | - | 16.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | - | 17.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | - | 16.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | - | 16.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | - | 0.42 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | - | 0.14 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | - | 0.23 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | - | 0.11 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | - | <0.10 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | - | 0.19 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | - | 1.38 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | - | 0.74 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | - | 2.43 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | - | 1.81 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | - | 2.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | - | <0.10 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | - | 0.09 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | - | 0.23 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | - | 0.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | - | <0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | - | <0.10 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | - | 0.21 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | - | 0.02 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | - | <0.10 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | - | 1.34 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | - | 0.98 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | - | 0.14 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | - | 0.20 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | - | 1.14 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | - | 0.15 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | - | 0.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | - | 1.58 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | - | 0.05 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | - | 0.14 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | - | <0.25 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | - | <0.25 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | - | 0.04 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | - | 456 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | - | - | - | 32.5 | 42.6 | 115 | 14.1 | 32.3 | 0.66 | 0.08 | <0.02 |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | - | 663 | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | - | 784.48 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | - | 551 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | - | 597 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | - | 654 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | - | 655 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | - | 707 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | - | 462 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | - | 450 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | - | 587 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | - | 196 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | - | 373 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | - | 60.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | - | 636.29 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | - | 0.54 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | - | 0.30 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | - | - | - | <0.1 | <0.02 | 0.07 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | - | 0.06 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | - | 17.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | - | 16.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | - | 1.87 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | - | 2.12 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotetradecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | - | 3.80 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | - | 0.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | - | 14.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | - | 10.6 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | - | 84.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | - | 24.5 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | - | 16.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | - | 1.21 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | - | 1.50 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | - | 20.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | - | 6.67 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | - | 34.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | 0.8 | 0.71 | 3.84 | 0.23 | 0.76 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | - | 22.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | - | 23.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | - | 26 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | - | 22.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | - | 20.9 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | - | 19.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | - | 10.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | - | 2.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | - | 6.73 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | - | 25.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | - | 10.4 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | - | 11.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | - | 12.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | - | 3.15 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | - | 0.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | - | 0.70 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | - | 66.3 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | - | - | - | 2.6 | 1.57 | 8.03 | 0.60 | 1.95 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | 60.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | 64.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | - | 59.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | - | 45.0 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | - | 44.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | - | 43 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | - | 30.7 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | - | 30.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | - | 36.8 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | - | 6.88 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | - | 23.2 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | - | 1.28 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | - | 1.46 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | - | 0.33 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | - | 0.24 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | - | 0.08 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | - | 0.17 | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | - | **0.41** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | - | **0.42** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | *<0.05* | - | *<0.02* | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | - | **0.36** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | - | **0.25** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | - | **0.07** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | - | **0.50** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | - | **0.14** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | - | **0.01** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | - | *<0.02* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | - | *<0.02* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | - | **0.04** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | - | **0.01** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | - | **0.03** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | - | **0.06** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | - | **0.02** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | - | **0.02** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | - | *<0.10* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | - | **0.10** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | *<0.05* | - | *<0.02* | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | - | **0.10** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | - | **0.07** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | - | **0.28** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | - | **0.47** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | - | **0.38** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | - | **0.30** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | - | **0.22** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | - | **0.12** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | - | **0.12** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | - | *<0.02* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | - | **0.87** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | - | **0.52** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | - | **0.41** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | - | **0.19** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | - | **0.05** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | - | **0.04** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | - | **0.06** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | - | **1.64** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | - | **1.54** | - | **0.2** | **0.03** | **0.05** | *<0.02* | *<0.01* | *<0.02* | *<0.02* | *<0.02* |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | - | - | - | *<0.1* | *<0.02* | **0.08** | *<0.02* | *<0.01* | *<0.02* | *<0.02* | *<0.02* |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | - | **1.05** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | - | **1.58** | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | - | 1.59 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | - | 1.86 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | - | 1.87 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | - | 2.58 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | - | 0.91 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | - | 0.65 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | - | 0.96 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | - | 0.17 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | - | 0.66 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | - | 3.22 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | - | 3.60 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | - | 2.78 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | - | 0.09 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | - | 0.07 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | - | 0.03 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | - | 0.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | - | 0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | - | <0.02 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | <0.05 | - | <0.02 | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | - | 0.82 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | - | 0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | - | <0.01 | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | - | <0.01 | - | - | - | - | - | - | - | - | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) | Perfluorobutanoic acid (PFBA) (TOPA) | Perfluoropentanoic acid (PFPeA) (TOPA) | Perfluorohexanoic acid (PFHxA) (TOPA) | Perfluoroheptanoic acid (PFHpA) (TOPA) | Perfluorooctanoic acid (PFOA) TOPA | Perfluorononanoic acid (PFNA) (TOPA) | Perfluorodecanoic acid (PFDA) (TOPA) | Perfluoroundecanoic acid (PFUnDA) (TOPA) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.05 | 0.0002 | 0.02 | 0.1 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | - | **0.14** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | - | **0.39** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | - | **0.38** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | - | **0.26** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | - | **0.28** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | - | **0.08** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | - | **0.25** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | - | **0.10** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | - | **0.07** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | - | **1.05** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | - | **1.20** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | *<0.05* | - | *<0.02* | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | - | **3.97** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | - | **2.18** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | - | **2.07** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | *<0.05* | - | *<0.02* | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | - | **1.72** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | - | **0.61** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | - | **2.22** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | - | **1.8** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | - | **0.02** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | - | **0.02** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | - | **0.08** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | - | **0.06** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | - | *<0.02* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | - | *<0.02* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | *<0.05* | - | *<0.02* | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | - | **0.03** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | - | *<0.01* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | - | **2.47** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | - | **1.99** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | - | **1.72** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | - | **1.37** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | - | **0.05** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | - | **16.1** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | - | **16.0** | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | - | **14.35** | - | - | - | - | - | - | - | - | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | <0.02 | <0.02 | <0.05 | **14.0** | **12.9** | **119** | **12.4** | **305** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | <0.02 | <0.02 | <0.05 | **0.03** | **0.02** | **0.14** | <0.02 | **0.36** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | <0.02 | <0.02 | <0.05 | **1.23** | **1.34** | **8.24** | **0.54** | **17.1** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | <0.02 | <0.02 | <0.05 | **2.99** | **2.98** | **16.0** | **0.87** | **27.7** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | <0.02 | <0.02 | <0.05 | **0.09** | **0.08** | **0.99** | **0.04** | **0.30** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | <0.02 | <0.02 | <0.05 | **0.13** | **0.18** | **1.18** | **0.04** | **0.34** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | - | - | - | - | - | - | - | - | - | - | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | PFAS TOPA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorododecanoic acid (PFDoDA) (TOPA) | Perfluorotridecanoic acid (PFTrDA) (TOPA) | Perfluorotetradecanoic acid (PFTeDA) (TOPA) | Perfluorobutane sulfonic acid (PFBS) (TOPA) | Perfluoropentane sulfonic acid (PFPeS) (TOPA) | Perfluorohexane sulfonic acid (PFHxS) TOPA | Perfluoroheptane sulfonic acid (PFHpS) TOPA | Perfluorooctane sulfonic acid (PFOS) TOPA | Perfluorodecane sulfonic acid (PFDS) (TOPA) | Perfluorooctane sulfonamide (FOSA) (TOPA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) (TOPA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.05 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | **9.27** | **2.03** | <0.05 | **424** | **712** |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.50** | **0.62** |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **25.3** | **34.8** |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **43.7** | **65.3** |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.29** | **1.78** |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.52** | **1.95** |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | - | - | - | - | - | - | - | - | - | - | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) (TOPA) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) (TOPA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) (TOPA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) (TOPA) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) (TOPA) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) (TOPA) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) (TOPA) | Sum of PFHxS and PFOS (TOPA) | Sum of PFASs (n=30) TOPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | - | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | - | - | - | - | - | - | - | - | - | - | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFAS | 0861-MW2_180208 | MW002 | 08 Feb 2018 | Normal | EB1803867 | - | - |
| QLD_0861_PFAS | 0861_MW2_191120 | MW002 | 20 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_200421 | MW002 | 21 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC210_200421 | MW002 | 21 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_201013 | MW002 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_210413 | MW002 | 13 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_211021 | MW002 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_QC157_211021 | MW002 | 21 Oct 2021 | Field_D | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_QC257_211021 | MW002 | 21 Oct 2021 | Interlab_D | RN1333717 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_220331 | MW002 | 31 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW002_221026 | MW002 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_230522 | MW002 | 22 May 2023 | Normal | EB2315514 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW002_231023 | MW002 | 23 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW002_240419 | MW002 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW002_241029 | MW002 | 29 Oct 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | MW100 | MW005 | 31 Jul 2012 | Normal | EB1220058 | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_121016 | MW005 | 16 Oct 2012 | Normal | EB1226948 | - | - |
| QLD_Hist_202012-3 | 5259_MW100_S_130211 | MW005 | 11 Feb 2013 | Normal | EB1303337 | - | - |
| QLD_Hist_202012-3 | E0861_MW100_S_130827 | MW005 | 27 Aug 2013 | Normal | EB1320742 | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_170228 | MW005 | 28 Feb 2017 | Normal | EB1703884 | - | - |
| QLD_Hist_202012-3 | 0861_MW05_S_171012 | MW005 | 12 Oct 2017 | Normal | EB1721110 | - | - |
| QLD_0861_PFAS | 0861_MW5_190507 | MW005 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC101_190507 | MW005 | 07 May 2019 | Field_D | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC201_190507 | MW005 | 07 May 2019 | Interlab_D | 217521 | - | - |
| QLD_0861_PFAS | 0861_MW05_19119 | MW005 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW005_200423 | MW005 | 23 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW005_201016 | MW005 | 16 Oct 2020 | Normal | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_QC128_201016 | MW005 | 16 Oct 2020 | Field_D | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_QC228_201016 | MW005 | 16 Oct 2020 | Interlab_D | RN1292028 | - | - |
| QLD_0861_PFASOMP | 0861_MW005_210421 | MW005 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW005_211027 | MW005 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW005_220406 | MW005 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW005_221024 | MW005 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_230421 | MW005 | 21 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC111_231028 | MW005 | 28 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC211_231028 | MW005 | 28 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW005_231028 | MW005 | 30 Oct 2023 | Normal | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW005_240415 | MW005 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW005_241028 | MW005 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | MW101 | MW006 | 30 Jul 2012 | Normal | EB1220053 | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_121012 | MW006 | 15 Oct 2012 | Normal | EB1226844 | - | - |
| QLD_Hist_202012-3 | 5259_MW101_S_130122 | MW006 | 22 Jan 2013 | Normal | EB1301359 | - | - |
| QLD_Hist_202012-3 | E0861_MW101_S_130827 | MW006 | 27 Aug 2013 | Normal | EB1320742 | - | - |
| QLD_Hist_202012-3 | 0861_MW06_S_170221 | MW006 | 21 Feb 2017 | Normal | EB1703368 | - | - |
| QLD_Hist_202012-3 | 0861_QC101_170221 | MW006 | 21 Feb 2017 | Field_D | EB1703368 | - | - |
| QLD_Hist_202012-3 | 0861_QC201_170221 | MW006 | 21 Feb 2017 | Field_D | 535101 | - | - |
| QLD_Hist_202012-3 | 0861_MW06_171010 | MW006 | 10 Oct 2017 | Normal | EB1720882 | - | - |
| QLD_0861_PFAS | 0861_MW06_190513 | MW006 | 13 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFAS | MW06_191203 | MW006 | 03 Dec 2019 | Normal | EB1932627 | - | - |
| QLD_0861_PFASOMP | 0861_MW006_200422 | MW006 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC113_200422 | MW006 | 22 Apr 2020 | Field_D | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC213_200422 | MW006 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW006_201021 | MW006 | 21 Oct 2020 | Normal | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC134_201021 | MW006 | 21 Oct 2020 | Field_D | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC234_201021 | MW006 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - |
| QLD_0861_PFASOMP | 0861_MW006_210421 | MW006 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW006_211027 | MW006 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW006_220407 | MW006 | 07 Apr 2022 | Normal | EB2209951 | - | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | |
| QLD_0861_PFASOMP | 0861_MW006_221026 | MW006 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_230426 | MW006 | 26 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW006_231129 | MW006 | 29 Nov 2023 | Normal | EB2337879-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW006_240418 | MW006 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW006_241106 | MW006 | 06 Nov 2024 | Normal | 1158339 | - | - |
| QLD_Hist_202012-3 | RAAFAmb MW102 26/07/2012 | MW007 | 26 Jul 2012 | Normal | EB1219768 | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_121012 | MW007 | 15 Oct 2012 | Normal | EB1226844 | - | - |
| QLD_Hist_202012-3 | 5259_MW102_S_130122 | MW007 | 22 Jan 2013 | Normal | EB1301359 | - | - |
| QLD_Hist_202012-3 | E0861_MW102_S_130827 | MW007 | 27 Aug 2013 | Normal | EB1320742 | - | - |
| QLD_Hist_202012-3 | 0861_MW07_S_170222 | MW007 | 22 Feb 2017 | Normal | EB1703481 | - | - |
| QLD_Hist_202012-3 | 0861_MW07_171011 | MW007 | 11 Oct 2017 | Normal | EB1721001 | - | - |
| QLD_0861_PFAS | 0861_MW07_190513 | MW007 | 13 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFAS | 0861_QC101_190513 | MW007 | 13 May 2019 | Field_D | EB1912390 | - | - |
| QLD_0861_FSBGME | MW102_190625 | MW007 | 25 Jun 2019 | Normal | 662866 | - | - |
| QLD_0861_PFAS | 0861_QC201_191203 | MW007 | 03 Dec 2019 | Interlab_D | 232657 | - | - |
| QLD_0861_PFAS | MW07_191203 | MW007 | 03 Dec 2019 | Normal | EB1932627 | - | - |
| QLD_0861_PFAS | QC101_191203 | MW007 | 03 Dec 2019 | Field_D | EB1932627 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_200428 | MW007 | 28 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_201019 | MW007 | 19 Oct 2020 | Normal | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC129_201019 | MW007 | 19 Oct 2020 | Field_D | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC229_201019 | MW007 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_210419 | MW007 | 19 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_211027 | MW007 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC165_211027 | MW007 | 27 Oct 2021 | Field_D | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC265_211027 | MW007 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_220406 | MW007 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW007_221026 | MW007 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_230421 | MW007 | 21 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW007_231129 | MW007 | 29 Nov 2023 | Normal | EB2337879-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW007_240418 | MW007 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW007_241106 | MW007 | 06 Nov 2024 | Normal | 1158339 | - | - |
| QLD_Hist_202012-3 | MW108 | MW012 | 31 Jul 2012 | Normal | EB1220058 | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_121017 | MW012 | 17 Oct 2012 | Normal | EB1227213 | - | - |
| QLD_Hist_202012-3 | 5259_MW108_S_130211 | MW012 | 11 Feb 2013 | Normal | EB1303337 | - | - |
| QLD_Hist_202012-3 | E0861_MW108_S_130828 | MW012 | 28 Aug 2013 | Normal | EB1320949 | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_170223 | MW012 | 23 Feb 2017 | Normal | EB1703601 | - | - |
| QLD_Hist_202012-3 | 0861_MW12_S_171010 | MW012 | 10 Oct 2017 | Normal | EB1720882 | - | - |
| QLD_0861_PFAS | 0861_MW12_190508 | MW012 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW12_191126 | MW012 | 26 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_200427 | MW012 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_201013 | MW012 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_210420 | MW012 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_211027 | MW012 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC166_211027 | MW012 | 27 Oct 2021 | Field_D | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC266_211027 | MW012 | 27 Oct 2021 | Interlab_D | RN1333717 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_220406 | MW012 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW012_221024 | MW012 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC192_221024 | MW012 | 24 Oct 2022 | Field_D | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC292_221024 | MW012 | 24 Oct 2022 | Interlab_D | RN1371573 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_230421 | MW012 | 21 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC212_231027 | MW012 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC112_231028 | MW012 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW012_231028 | MW012 | 30 Oct 2023 | Normal | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW012_240415 | MW012 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW012_241028 | MW012 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | MW119 | MW020 | 31 Jul 2012 | Normal | EB1220058 | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_121017 | MW020 | 17 Oct 2012 | Normal | EB1227213 | - | - |
| QLD_Hist_202012-3 | 5259_MW119_S_130206 | MW020 | 06 Feb 2013 | Normal | EB1302670 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_Hist_202012-3 | E0861_MW119_S_130827 | MW020 | 27 Aug 2013 | Normal | EB1320742 | - | - |
| QLD_Hist_202012-3 | 0861_MW20_S_170223 | MW020 | 23 Feb 2017 | Normal | EB1703601 | - | - |
| QLD_Hist_202012-3 | 0861_MW20_171009 | MW020 | 09 Oct 2017 | Normal | EB1720776 | - | - |
| QLD_0861_PFAS | 0861_MW20_190508 | MW020 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_FSBGME | MW69_190625 | MW020 | 25 Jun 2019 | Normal | 662866 | - | - |
| QLD_0861_FSBGME | QC101_190625 | MW020 | 25 Jun 2019 | Field_D | 662866 | - | - |
| QLD_0861_FSBGME | QC201_190625 | MW020 | 25 Jun 2019 | Interlab_D | EB1917024 | - | - |
| QLD_0861_PFAS | 0861_MW20_191125 | MW020 | 25 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_200427 | MW020 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_201013 | MW020 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_210420 | MW020 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_211027 | MW020 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_220406 | MW020 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW020_221025 | MW020 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_230421 | MW020 | 21 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC213_231023 | MW020 | 27 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_23 | 0681_QC113_231028 | MW020 | 28 Oct 2023 | Field_D | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW020_231028 | MW020 | 30 Oct 2023 | Normal | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW020_240415 | MW020 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW020_241028 | MW020 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW21_190508 | MW021 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW21_191119 | MW021 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_200429 | MW021 | 29 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_201014 | MW021 | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_210419 | MW021 | 19 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_211028 | MW021 | 28 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_220330 | MW021 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW021_221026 | MW021 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_230428 | MW021 | 28 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC106_230428 | MW021 | 28 Apr 2023 | Field_D | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_230428 | MW021 | 28 Apr 2023 | Interlab_D | RN1393133 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW021_231027 | MW021 | 27 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW021_241101 | MW021 | 01 Nov 2024 | Normal | 1156536 | - | - |
| QLD_Hist_202012-3 | 5259_MW201_S_130124 | MW022 | 24 Jan 2013 | Normal | EB1301595 | - | - |
| QLD_Hist_202012-3 | E0861_MW201_S_130828 | MW022 | 28 Aug 2013 | Normal | EB1320949 | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_1700302 | MW022 | 02 Mar 2017 | Normal | EB1704146 | - | - |
| QLD_Hist_202012-3 | 0861_MW22_S_171016 | MW022 | 16 Oct 2017 | Normal | EB1721395 | - | - |
| QLD_0861_PFAS | 0861_MW22_190430 | MW022 | 30 Apr 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW22_191119 | MW022 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW022_200421 | MW022 | 21 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW022_201012 | MW022 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW022_210416 | MW022 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW022_211021 | MW022 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW022_220330 | MW022 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW022_221109 | MW022 | 09 Nov 2022 | Normal | EB2233631 | - | - |
| QLD_0861_PFASOMP | 0861_QC198_221109 | MW022 | 09 Nov 2022 | Field_D | EB2233631 | - | - |
| QLD_0861_PFASOMP | 0861_QC298_221109 | MW022 | 09 Nov 2022 | Interlab_D | RN1373013 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_230428 | MW022 | 28 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW022_231025 | MW022 | 25 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW022_240419 | MW022 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW022_241106 | MW022 | 06 Nov 2024 | Normal | 1158339 | - | - |
| QLD_Hist_202012-3 | 5259_MW202_S_130211 | MW023 | 11 Feb 2013 | Normal | EB1303337 | - | - |
| QLD_Hist_202012-3 | E0861_MW202_S_130827 | MW023 | 27 Aug 2013 | Normal | EB1320742 | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_170221 | MW023 | 21 Feb 2017 | Normal | EB1703368 | - | - |
| QLD_Hist_202012-3 | 0861_MW23_S_171010 | MW023 | 10 Oct 2017 | Normal | EB1720882 | - | - |
| QLD_0861_PFAS | 0861_MW23_190513 | MW023 | 13 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFAS | MW23_191203 | MW023 | 03 Dec 2019 | Normal | EB1932627 | - | - |
| QLD_0861_PFASOMP | 0861_MW023_200422 | MW023 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP | 0861_MW023_201021 | MW023 | 21 Oct 2020 | Normal | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC133_201021 | MW023 | 21 Oct 2020 | Field_D | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC233_201021 | MW023 | 21 Oct 2020 | Interlab_D | RN1292508 | - | - |
| QLD_0861_PFASOMP | 0861_MW023_210421 | MW023 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW023_211027 | MW023 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW023_220407 | MW023 | 07 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW023_221026 | MW023 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_230426 | MW023 | 26 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC105_230426 | MW023 | 26 Apr 2023 | Field_D | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC205_230426 | MW023 | 26 Apr 2023 | Interlab_D | RN1393133 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW023_231129 | MW023 | 29 Nov 2023 | Normal | EB2337879-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW023_240418 | MW023 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW023_241106 | MW023 | 06 Nov 2024 | Normal | 1158339 | - | - |
| QLD_Hist_202012-3 | 5259_MW203_S_130124 | MW024 | 24 Jan 2013 | Normal | EB1301595 | - | - |
| QLD_Hist_202012-3 | 5259_QC9_MW_130124 | MW024 | 24 Jan 2013 | Field_D | EB1301595 | - | - |
| QLD_Hist_202012-3 | E0861_MW203_S_130828 | MW024 | 28 Aug 2013 | Normal | EB1320949 | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_170303 | MW024 | 03 Mar 2017 | Normal | EB1704238 | - | - |
| QLD_Hist_202012-3 | 0861_MW24_S_171013 | MW024 | 13 Oct 2017 | Normal | EB1721221 | - | - |
| QLD_0861_PFAS | 0861_MW24_190501 | MW024 | 01 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW24_191121 | MW024 | 21 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW024_201014 | MW024 | 15 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW024_210420 | MW024 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW024_211021 | MW024 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW024_220404 | MW024 | 04 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW024_221026 | MW024 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_230428 | MW024 | 28 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW024_231024 | MW024 | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW024_240416 | MW024 | 16 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW024_241104 | MW024 | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_Hist_202012-3 | 5259_MW204_S_130124 | MW025 | 24 Jan 2013 | Normal | EB1301595 | - | - |
| QLD_Hist_202012-3 | E0861_MW204_S_130830 | MW025 | 30 Aug 2013 | Normal | EB1321090 | - | - |
| QLD_Hist_202012-3 | 0861_MW25_S_170222 | MW025 | 22 Feb 2017 | Normal | EB1703481 | - | - |
| QLD_Hist_202012-3 | 0861_MW25_171011 | MW025 | 11 Oct 2017 | Normal | EB1721001 | - | - |
| QLD_0861_PFAS | 0861_QC302_190430 | MW025 | 30 Apr 2019 | Rinsate | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW25_190501 | MW025 | 01 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW25_191120 | MW025 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_200427 | MW025 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_201014 | MW025 | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_QC123_201014 | MW025 | 14 Oct 2020 | Field_D | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_QC223_201014 | MW025 | 14 Oct 2020 | Interlab_D | RN1292028 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_210416 | MW025 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_211027 | MW025 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_220406 | MW025 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW025_221024 | MW025 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_230420 | MW025 | 20 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW025_231028 | MW025 | 28 Oct 2023 | Normal | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW025_240503 | MW025 | 03 May 2024 | Normal | EB2414902 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW025_241101 | MW025 | 01 Nov 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241101 | MW025 | 01 Nov 2024 | Interlab_D | 365539 | - | - |
| QLD_Hist_202012-3 | E0861_MW205B_S_130830 | MW026 | 30 Aug 2013 | Normal | EB1323023 | - | - |
| QLD_Hist_202012-3 | 0861_MW26_S_170222 | MW026 | 22 Feb 2017 | Normal | EB1703481 | - | - |
| QLD_Hist_202012-3 | 0861_MW26_171009 | MW026 | 09 Oct 2017 | Normal | EB1720776 | - | - |
| QLD_0861_PFAS | 0861_MW26_190507 | MW026 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW26_191125 | MW026 | 29 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW026_200428 | MW026 | 28 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW026_201016 | MW026 | 16 Oct 2020 | Normal | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW026_210421 | MW026 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW026_211027 | MW026 | 27 Oct 2021 | Normal | EB2130850 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP | 0861_MW026_220406 | MW026 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW026_221024 | MW026 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_230420 | MW026 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW026_231027 | MW026 | 27 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW026_241031 | MW026 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | E0861_MW300_S_130829 | MW028 | 29 Aug 2013 | Normal | EB1321088 | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_170301 | MW028 | 01 Mar 2017 | Normal | EB1704014 | - | - |
| QLD_Hist_202012-3 | 0861_MW28_S_171012 | MW028 | 12 Oct 2017 | Normal | EB1721110 | - | - |
| QLD_0861_PFAS | 0861_MW300_180116 | MW028 | 16 Jan 2018 | Normal | EB1802042 | - | - |
| QLD_0861_PFAS | 0861_MW28_190507 | MW028 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW28_191127 | MW028 | 27 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFAS | 0861_QC105_191127 | MW028 | 27 Nov 2019 | Field_D | EB1932183 | - | - |
| QLD_0861_PFAS | 0861_QC205_191127 | MW028 | 27 Nov 2019 | Interlab_D | 232094 | - | - |
| QLD_0861_PFASOMP | 0861_MW028_200422 | MW028 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW028_201015 | MW028 | 15 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW028_210416 | MW028 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW028_211021 | MW028 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW028_220404 | MW028 | 04 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW028_221026 | MW028 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_230420 | MW028 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW028_231025 | MW028 | 25 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW028_240418 | MW028 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW028_241104 | MW028 | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_Hist_202012-3 | E0861_MW301_S_130829 | MW029 | 29 Aug 2013 | Normal | EB1321088 | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_170301 | MW029 | 01 Mar 2017 | Normal | EB1704014 | - | - |
| QLD_Hist_202012-3 | 0861_MW29_S_171012 | MW029 | 12 Oct 2017 | Normal | EB1721110 | - | - |
| QLD_0861_PFAS | 0861_MW29_190507 | MW029 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW29_191127 | MW029 | 27 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW029_200422 | MW029 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW029_201015 | MW029 | 15 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW029_210416 | MW029 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW029_211021 | MW029 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW029_220404 | MW029 | 04 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW029_221026 | MW029 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_230420 | MW029 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW029_231025 | MW029 | 25 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW029_240418 | MW029 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC109_240418 | MW029 | 18 Apr 2024 | Field_D | EB2413950 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC209_240418 | MW029 | 18 Apr 2024 | Interlab_D | RN1427801 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW029_241104 | MW029 | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241104 | MW029 | 04 Nov 2024 | Interlab_D | 365857 | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_170227 | MW030 | 27 Feb 2017 | Normal | EB1703780 | - | - |
| QLD_Hist_202012-3 | 0861_MW30_S_171018 | MW030 | 18 Oct 2017 | Normal | EB1721647 | - | - |
| QLD_0861_PFAS | 0861_MW30_190510 | MW030 | 10 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW30_191120 | MW030 | 20 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW030_200422 | MW030 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW030_201013 | MW030 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW030_210413 | MW030 | 13 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW030_211021 | MW030 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW030_220401 | MW030 | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW030_221025 | MW030 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_230522 | MW030 | 22 May 2023 | Normal | EB2315514 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW030_231023 | MW030 | 23 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW030_240419 | MW030 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW030_241101 | MW030 | 01 Nov 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | E0861_MW302_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - |
| QLD_Hist_202012-3 | E0861_MW303_S_130829 | MW031 | 29 Aug 2013 | Normal | EB1321088 | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_170227 | MW031 | 27 Feb 2017 | Normal | EB1703780 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_Hist_202012-3 | 0861_QC102_170227 | MW031 | 27 Feb 2017 | Field_D | EB1703780 | - | - |
| QLD_Hist_202012-3 | 0861_QC202_170227 | MW031 | 27 Feb 2017 | Interlab_D | 535909 | - | - |
| QLD_Hist_202012-3 | 0861_MW31_S_171018 | MW031 | 18 Oct 2017 | Normal | EB1721647 | - | - |
| QLD_0861_PFAS | 0861_MW31_190510 | MW031 | 10 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC103_190510 | MW031 | 10 May 2019 | Field_D | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC203_190510 | MW031 | 10 May 2019 | Interlab_D | 217521 | - | - |
| QLD_0861_PFAS | 0861_MW31_191120 | MW031 | 20 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_200422 | MW031 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC211_200422 | MW031 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_201013 | MW031 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_210413 | MW031 | 13 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_211021 | MW031 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_220401 | MW031 | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW031_221025 | MW031 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_230426 | MW031 | 26 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW031_231023 | MW031 | 23 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC101_231023 | MW031 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC201_231023 | MW031 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW031_240419 | MW031 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW031_241101 | MW031 | 01 Nov 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | E0861_MW305_S_130830 | MW032 | 30 Aug 2013 | Normal | EB1321090 | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_170224 | MW032 | 24 Feb 2017 | Normal | EB1703684 | - | - |
| QLD_Hist_202012-3 | 0861_MW32_S_171017 | MW032 | 17 Oct 2017 | Normal | EB1721554 | - | - |
| QLD_0861_PFAS | 0861_MW32_190502 | MW032 | 02 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW32_191119 | MW032 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_200427 | MW032 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_201012 | MW032 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_210421 | MW032 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC149_210421 | MW032 | 21 Apr 2021 | Field_D | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC249_210421 | MW032 | 21 Apr 2021 | Interlab_D | RN1313031 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_211025 | MW032 | 25 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC162_211025 | MW032 | 25 Oct 2021 | Field_D | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC262_211025 | MW032 | 25 Oct 2021 | Interlab_D | RN1333717 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_220406 | MW032 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW032_221024 | MW032 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_230427 | MW032 | 27 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW032_231027 | MW032 | 27 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW032_240415 | MW032 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW032_241028 | MW032 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_170222 | MW033 | 22 Feb 2017 | Normal | EB1703481 | - | - |
| QLD_Hist_202012-3 | MW401 | MW033 | 27 Mar 2017 | Normal | 539718 | - | - |
| QLD_Hist_202012-3 | 0861_MW37_S_171010 | MW033 | 10 Oct 2017 | Normal | EB1720882 | - | - |
| QLD_0861_PFAS | 0861_MW33_180208 | MW033 | 08 Feb 2018 | Normal | EB1803867 | - | - |
| QLD_0861_PFAS | 0861_MW33_190514 | MW033 | 14 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_200428 | MW033 | 28 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_201019 | MW033 | 19 Oct 2020 | Normal | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC132_201019 | MW033 | 19 Oct 2020 | Field_D | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC232_201019 | MW033 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_210420 | MW033 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_211027 | MW033 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_220406 | MW033 | 06 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_QC181_220406 | MW033 | 06 Apr 2022 | Field_D | EB2209942 | - | - |
| QLD_0861_PFASOMP | 0861_QC281_220406 | MW033 | 06 Apr 2022 | Interlab_D | RN1349008 | - | - |
| QLD_0861_PFASOMP | 0861_MW033_221026 | MW033 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_230522 | MW033 | 22 May 2023 | Normal | EB2315514 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW033_231027 | MW033 | 27 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW033_240417 | MW033 | 17 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC108_240417 | MW033 | 17 Apr 2024 | Field_D | EB2413950 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP_24 | 0861_QC208_240417 | MW033 | 17 Apr 2024 | Interlab_D | RN1427801 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW033_241031 | MW033 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241031 | MW033 | 31 Oct 2024 | Field_D | 1155836 | - | - |
| QLD_Hist_202012-3 | 0861_MW36_S_170301 | MW034 | 01 Mar 2017 | Normal | EB1704014 | - | - |
| QLD_0861_PFAS | 0861_MW34_190510 | MW034 | 10 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW34_191121 | MW034 | 20 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFAS | 0861_QC103_191121 | MW034 | 20 Nov 2019 | Field_D | EB1931427 | - | - |
| QLD_0861_PFAS | 0861_QC201_191121 | MW034 | 21 Nov 2019 | Interlab_D | 232494 | - | - |
| QLD_0861_PFAS | 0861_QC203_191121 | MW034 | 21 Nov 2019 | Interlab_D | 231783 | - | - |
| QLD_0861_PFAS | MW34_191202 | MW034 | 02 Dec 2019 | Normal | EB1932627 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_200423 | MW034 | 23 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC215_200423 | MW034 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_201013 | MW034 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_QC121_201013 | MW034 | 13 Oct 2020 | Field_D | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_QC221_201013 | MW034 | 13 Oct 2020 | Interlab_D | RN1292028 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_210419 | MW034 | 19 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC147_210419 | MW034 | 19 Apr 2021 | Field_D | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC247_210419 | MW034 | 19 Apr 2021 | Interlab_D | RN1313031 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_211021 | MW034 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_220401 | MW034 | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW034_221109 | MW034 | 09 Nov 2022 | Normal | EB2233631 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_230522 | MW034 | 22 May 2023 | Normal | EB2315514 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW034_231023 | MW034 | 23 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW034_240419 | MW034 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW034_241029 | MW034 | 29 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241031 | MW034 | 31 Oct 2024 | Interlab_D | 365539 | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_170301 | MW035 | 01 Mar 2017 | Normal | EB1704014 | - | - |
| QLD_Hist_202012-3 | 0861_MW35_S_171013 | MW035 | 13 Oct 2017 | Normal | EB1721221 | - | - |
| QLD_0861_PFAS | 0861_MW35_190501 | MW035 | 01 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW35_191121 | MW035 | 21 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW035_200422 | MW035 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW035_201014 | MW035 | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW035_210416 | MW035 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW035_211021 | MW035 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW035_220404 | MW035 | 04 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW035_221109 | MW035 | 09 Nov 2022 | Normal | EB2233631 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_230509 | MW035 | 09 May 2023 | Normal | EB2314270 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW035_231024 | MW035 | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW035_240416 | MW035 | 16 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW035_241106 | MW035 | 06 Nov 2024 | Normal | 1158339 | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_170228 | MW036 | 28 Feb 2017 | Normal | EB1703884 | - | - |
| QLD_Hist_202012-3 | 0861_MW33_S_171012 | MW036 | 12 Oct 2017 | Normal | EB1721110 | - | - |
| QLD_0861_PFAS | 0861_MW36_190507 | MW036 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW36_191127 | MW036 | 27 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW036_200422 | MW036 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW036_201015 | MW036 | 15 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW036_210416 | MW036 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW036_211021 | MW036 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW036_220404 | MW036 | 04 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW036_221025 | MW036 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC193_221025 | MW036 | 25 Oct 2022 | Field_D | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC293_221025 | MW036 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_230420 | MW036 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_231023 | MW036 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_231023 | MW036 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW036_231024 | MW036 | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW036_240418 | MW036 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW036_241104 | MW036 | 04 Nov 2024 | Normal | 1156536 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP_24a | 0861_QC101_241104 | MW036 | 04 Nov 2024 | Field_D | 1156536 | - | - |
| QLD_Hist_202012-3 | 0861_MW34_S_170224 | MW037 | 24 Feb 2017 | Normal | EB1703684 | - | - |
| QLD_Hist_202012-3 | 0861_MW34_171011 | MW037 | 11 Oct 2017 | Normal | EB1721001 | - | - |
| QLD_Hist_202012-3 | 0861_QC101_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - |
| QLD_Hist_202012-3 | 0861_QC201_171011 | MW037 | 11 Oct 2017 | Field_D | EB1721001 | - | - |
| QLD_0861_PFAS | 0861_MW37_190508 | MW037 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW37_191119 | MW037 | 19 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_200422 | MW037 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC212_200422 | MW037 | 22 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_201012 | MW037 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_210420 | MW037 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_211027 | MW037 | 27 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_220330 | MW037 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW037_221024 | MW037 | 24 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_230420 | MW037 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_Stage2_23 | 0861_MW037_230810 | MW037 | 10 Aug 2023 | Normal | 1018693 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW037_231023 | MW037 | 23 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_231023 | MW037 | 23 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_231023 | MW037 | 23 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW037_240415 | MW037 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC106_240415 | MW037 | 15 Apr 2024 | Field_D | EB2413950 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC206_240415 | MW037 | 15 Apr 2024 | Interlab_D | RN1427801 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW037_241028 | MW037 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241028 | MW037 | 28 Oct 2024 | Field_D | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW41_180221 | MW041 | 21 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW41_190508 | MW041 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | MW41_191202 | MW041 | 02 Dec 2019 | Normal | EB1932627 | - | - |
| QLD_0861_PFASOMP | 0861_MW041_200423 | MW041 | 23 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW041_201014 | MW041 | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW041_211022 | MW041 | 22 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW041_220405 | MW041 | 05 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW041_221025 | MW041 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_230419 | MW041 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW041_231030 | MW041 | 30 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW041_240503 | MW041 | 03 May 2024 | Normal | EB2414902 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW041_241031 | MW041 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW42_180206 | MW042 | 06 Feb 2018 | Normal | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW42_190503 | MW042 | 03 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW42_191126 | MW042 | 26 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW042_200428 | MW042 | 28 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW042_201016 | MW042 | 16 Oct 2020 | Normal | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW042_210415 | MW042 | 15 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC144_210415 | MW042 | 15 Apr 2021 | Field_D | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC244_210415 | MW042 | 15 Apr 2021 | Interlab_D | RN1313031 | - | - |
| QLD_0861_PFASOMP | 0861_MW042_211026 | MW042 | 26 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC163_211026 | MW042 | 26 Oct 2021 | Field_D | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_QC263_211026 | MW042 | 26 Oct 2021 | Interlab_D | RN1333717 | - | - |
| QLD_0861_PFASOMP | 0861_MW042_220405 | MW042 | 05 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW042_221026 | MW042 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_230427 | MW042 | 27 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW042_231030 | MW042 | 30 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW042_240419 | MW042 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW042_241108 | MW042 | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_MW43_180222 | MW043 | 22 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_QC126_180222 | MW043 | 22 Feb 2018 | Field_D | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW43_190503 | MW043 | 03 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW43_191126 | MW043 | 26 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW043_200428 | MW043 | 28 Apr 2020 | Normal | EB2011562 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP | 0861_MW043_201016 | MW043 | 16 Oct 2020 | Normal | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW043_210415 | MW043 | 15 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW043_211026 | MW043 | 26 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW043_220405 | MW043 | 05 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW043_221025 | MW043 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC196_221025 | MW043 | 25 Oct 2022 | Field_D | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC296_221025 | MW043 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_230427 | MW043 | 27 Apr 2023 | Normal | EB2312761-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW043_231030 | MW043 | 30 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW043_240419 | MW043 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW043_241108 | MW043 | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_QC226-180222 | MW043 | | Interlab_D | 186049 | - | - |
| QLD_0861_PFAS | 0861_MW44_180206 | MW044 | 06 Feb 2018 | Normal | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW44_190507 | MW044 | 07 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW44_191127 | MW044 | 27 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW044_200422 | MW044 | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW044_201015 | MW044 | 15 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW044_210421 | MW044 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW044_211021 | MW044 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW044_220401 | MW044 | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_QC176_220401 | MW044 | 01 Apr 2022 | Field_D | EB2209942 | - | - |
| QLD_0861_PFASOMP | 0861_QC276_220401 | MW044 | 01 Apr 2022 | Interlab_D | RN1349008 | - | - |
| QLD_0861_PFASOMP | 0861_MW044_221026 | MW044 | 26 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC197_221026 | MW044 | 26 Oct 2022 | Field_D | EB2231825 | - | - |
| QLD_0861_PFASOMP | 0861_QC297_221026 | MW044 | 26 Oct 2022 | Interlab_D | RN1371573 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_230511 | MW044 | 11 May 2023 | Normal | EB2314270 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW044_231024 | MW044 | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_231024 | MW044 | 24 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW044_240418 | MW044 | 18 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW044_241104 | MW044 | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | EB1803867 | - | - |
| QLD_0861_PFAS | 0861_MW46_180207 | MW046 | 07 Feb 2018 | Normal | ES1806917 | 700 | 451 |
| QLD_0861_PFAS | 0861_MW46_190506 | MW046 | 06 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_FSBGME | MW46_190625 | MW046 | 25 Jun 2019 | Normal | 662866 | - | - |
| QLD_0861_PFAS | 0861_MW46_191118 | MW046 | 18 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_200427 | MW046 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_201019 | MW046 | 19 Oct 2020 | Normal | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC130_201019 | MW046 | 19 Oct 2020 | Field_D | EB2027539 | - | - |
| QLD_0861_PFASOMP | 0861_QC230_201019 | MW046 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_210421 | MW046 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_211026 | MW046 | 26 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_220330 | MW046 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW046_221025 | MW046 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_230417 | MW046 | 17 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW046_231027 | MW046 | 31 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW046_240415 | MW046 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW046_241031 | MW046 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW47_180115 | MW047 | 15 Jan 2018 | Normal | EB1802042 | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1808673 | - | - |
| QLD_0861_PFAS | 0861_MW47_180406 | MW047 | 06 Apr 2018 | Normal | EB1810410 | 0.62 | 0.39 |
| QLD_0861_PFAS | 0861_MW47_190502 | MW047 | 02 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW47_191121 | MW047 | 21 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW047_200423 | MW047 | 23 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC114_200423 | MW047 | 23 Apr 2020 | Field_D | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC214_200423 | MW047 | 23 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW047_201012 | MW047 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_QC118_201012 | MW047 | 12 Oct 2020 | Field_D | EB2027176-AA | - | - |
| QLD_0861_PFASOMP | 0861_QC218_201012 | MW047 | 12 Oct 2020 | Interlab_D | RN1292028 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP | 0861_MW047_210420 | MW047 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC148_210420 | MW047 | 20 Apr 2021 | Field_D | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_QC248_210420 | MW047 | 20 Apr 2021 | Interlab_D | RN1313031 | - | - |
| QLD_0861_PFASOMP | 0861_MW047_211026 | MW047 | 26 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW047_220330 | MW047 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_QC172_220330 | MW047 | 30 Mar 2022 | Field_D | EB2209942 | - | - |
| QLD_0861_PFASOMP | 0861_QC272_220330 | MW047 | 30 Mar 2022 | Interlab_D | RN1349008 | - | - |
| QLD_0861_PFASOMP | 0861_MW047_221025 | MW047 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_230420 | MW047 | 19 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW047_231026 | MW047 | 26 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC110_231026 | MW047 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC210_231026 | MW047 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW047_240415 | MW047 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW047_241028 | MW047 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW48_180205 | MW048 | 05 Feb 2018 | Normal | ES1806917 | 34.8 | 22.2 |
| QLD_0861_PFAS | 0861_MW48_190430 | MW048 | 30 Apr 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_QC101_190430 | MW048 | 30 Apr 2019 | Field_D | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_QC201_190430 | MW048 | 30 Apr 2019 | Interlab_D | 217104 | - | - |
| QLD_0861_PFAS | 0861_MW48_191118 | MW048 | 18 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW048_200424 | MW048 | 24 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW048_201012 | MW048 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW048_210416 | MW048 | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW048_211021 | MW048 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW048_220329 | MW048 | 29 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW048_221025 | MW048 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_230417 | MW048 | 17 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW048_231026 | MW048 | 26 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_231026 | MW048 | 26 Oct 2023 | Field_D | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_231026 | MW048 | 26 Oct 2023 | Interlab_D | RN1410504 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW048_240419 | MW048 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW048_241112 | MW048 | 12 Nov 2024 | Normal | 1161658 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241112 | MW048 | 12 Nov 2024 | Interlab_D | 366900 | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW49_180205 | MW049 | 05 Feb 2018 | Normal | ES1806917 | 65.3 | 41.5 |
| QLD_0861_PFAS | 0861_QC123_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_QC223_180205 | MW049 | 05 Feb 2018 | Field_D | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW49_190430 | MW049 | 30 Apr 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW49_191119 | MW049 | 18 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFAS | 0861_QC103_191119 | MW049 | 18 Nov 2019 | Field_D | EB1931427 | - | - |
| QLD_0861_PFAS | 0861_QC203_191118 | MW049 | 19 Nov 2019 | Interlab_D | 231783 | - | - |
| QLD_0861_PFASOMP | 0861_MW049_200424 | MW049 | 24 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW049_201012 | MW049 | 12 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW049_211021 | MW049 | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW049_220407 | MW049 | 07 Apr 2022 | Normal | EB2209951 | - | - |
| QLD_0861_PFASOMP | 0861_MW049_221025 | MW049 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW049_241112 | MW049 | 12 Nov 2024 | Normal | 1161658 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241112 | MW049 | 12 Nov 2024 | Field_D | 1161658 | - | - |
| QLD_0861_PFAS | 0861_MW50_180205 | MW050 | 05 Feb 2018 | Normal | EB1803636 | - | - |
| QLD_0861_PFAS | 0861_MW50_190430 | MW050 | 30 Apr 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW50_191125 | MW050 | 25 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW050_200424 | MW050 | 24 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_QC216_200424 | MW050 | 24 Apr 2020 | Interlab_D | RN1274652 | - | - |
| QLD_0861_PFASOMP | 0861_MW050_201012 | MW050 | 12 Oct 2020 | Normal | EB2027208-AB | - | - |
| QLD_0861_PFASOMP | 0861_MW050_210421 | MW050 | 21 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW050_211028 | MW050 | 28 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW050_220330 | MW050 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW050_221024 | MW050 | 24 Oct 2022 | Normal | EB2231825 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFASOMP_23 | 0861_MW050_230417 | MW050 | 17 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC100_230417 | MW050 | 17 Apr 2023 | Field_D | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC200_230417 | MW050 | 17 Apr 2023 | Interlab_D | RN1393124 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW050_231028 | MW050 | 28 Oct 2023 | Normal | EB2333894-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW050_240419 | MW050 | 19 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW050_241028 | MW050 | 28 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFAS | 0861_MW54D_180221 | MW054D | 21 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW54D_180405 | MW054D | 05 Apr 2018 | Normal | EB1808672 | - | - |
| QLD_0861_PFAS | 0861_MW54D_190509 | MW054D | 09 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC101_190509 | MW054D | 09 May 2019 | Field_D | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC201_190509 | MW054D | 09 May 2019 | Interlab_D | 217521 | - | - |
| QLD_0861_PFAS | 0861_MW54D_191128 | MW054D | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_200424 | MW054D | 24 Apr 2020 | Normal | EB2011246-AD | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_201023 | MW054D | 23 Oct 2020 | Normal | EB2027834 | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_210421 | MW054D | 21 Apr 2021 | Normal | EB2111111 | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_211028 | MW054D | 28 Oct 2021 | Normal | EB2130821 | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_220405 | MW054D | 05 Apr 2022 | Normal | EB2209940 | - | - |
| QLD_0861_PFASOMP | 0861_MW054D_221109 | MW054D | 09 Nov 2022 | Normal | EB2233627 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_230426 | MW054D | 26 Apr 2023 | Normal | EB2312770 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054D_231026 | MW054D | 26 Oct 2023 | Normal | EB2333895 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054D_240416 | MW054D | 16 Apr 2024 | Normal | EB2413937 | - | - |
| QLD_0861_PFASMGMT_24 | 0861_QC201_241126 | MW054D | 26 Nov 2024 | Interlab_D | 367942 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054D_241126 | MW054D | 26 Nov 2024 | Normal | 1164996 | - | - |
| QLD_0861_PFAS | 0861_MW54S_180221 | MW054S | 21 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW54S_180405 | MW054S | 05 Apr 2018 | Normal | EB1808672 | - | - |
| QLD_0861_PFAS | 0861_MW54S_190509 | MW054S | 09 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW54S_191128 | MW054S | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_200424 | MW054S | 24 Apr 2020 | Normal | EB2011246-AD | - | - |
| QLD_0861_PFASOMP | 0861_QC117_200424 | MW054S | 24 Apr 2020 | Field_D | EB2011246-AD | - | - |
| QLD_0861_PFASOMP | 0861_QC217_200424 | MW054S | 24 Apr 2020 | Interlab_D | RN1274651 | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_210421 | MW054S | 21 Apr 2021 | Normal | EB2111111 | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_211028 | MW054S | 28 Oct 2021 | Normal | EB2130821 | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_220405 | MW054S | 05 Apr 2022 | Normal | EB2209940 | - | - |
| QLD_0861_PFASOMP | 0861_MW054S_221109 | MW054S | 09 Nov 2022 | Normal | EB2233627 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_230426 | MW054S | 26 Apr 2023 | Normal | EB2312770 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW054S_231026 | MW054S | 26 Oct 2023 | Normal | EB2333895 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW054S_240416 | MW054S | 16 Apr 2024 | Normal | EB2413937 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW054S_241126 | MW054S | 26 Nov 2024 | Normal | 1164996 | - | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241126 | MW054S | 26 Nov 2024 | Field_D | 1164996 | - | - |
| QLD_0861_PFAS | 0861_MW55D_180308 | MW055D | 09 Mar 2018 | Normal | EB1806399 | - | - |
| QLD_0861_PFAS | 0861_MW55D_180406 | MW055D | 06 Apr 2018 | Normal | EB1808673 | - | - |
| QLD_0861_PFAS | 0861_MW55D_190502 | MW055D | 02 May 2019 | Normal | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW55D_191121 | MW055D | 21 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_200424 | MW055D | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_201014 | MW055D | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_210416 | MW055D | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_211021 | MW055D | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_220401 | MW055D | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW055D_221020 | MW055D | 20 Oct 2022 | Normal | EB2231197 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_230511 | MW055D | 11 May 2023 | Normal | EB2314270 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055D_231024 | MW055D | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055D_240416 | MW055D | 16 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55D_241104 | MW055D | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | EB1806399 | - | - |
| QLD_0861_PFAS | 0861_MW55S_180308 | MW055S | 09 Mar 2018 | Normal | ES1808754 | 1.78 | 1.10 |
| QLD_0861_PFAS | 0861_MW55_180406 | MW055S | 06 Apr 2018 | Normal | EB1810410 | 1.95 | 1.21 |
| QLD_0861_PFAS | 0861_MW55S_180406 | MW055S | 06 Apr 2018 | Normal | EB1808673 | - | - |
| QLD_0861_PFAS | 0861_MW55S_190502 | MW055S | 02 May 2019 | Normal | EB1911342 | - | - |

Table C-4: Historical Groundwater Analytical Summary Table

| | | | | | | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|---|---|---|---|---|
| | | | | | | µg/L | µg/L |
| EQL | | | | | | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
| QLD_0861_PFAS | 0861_QC103_190502 | MW055S | 02 May 2019 | Field_D | EB1911342 | - | - |
| QLD_0861_PFAS | 0861_MW55S_191121 | MW055S | 21 Nov 2019 | Normal | EB1931427 | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_200424 | MW055S | 22 Apr 2020 | Normal | EB2011246-AC | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_201014 | MW055S | 14 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_210416 | MW055S | 16 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_211021 | MW055S | 21 Oct 2021 | Normal | EB2130835 | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_220401 | MW055S | 01 Apr 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW055S_221020 | MW055S | 20 Oct 2022 | Normal | EB2231197 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_230511 | MW055S | 11 May 2023 | Normal | EB2314270 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW055S_231024 | MW055S | 24 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW055S_240416 | MW055S | 16 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW55S_241104 | MW055S | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_0861_PFAS | 0861_MW56D_180221 | MW056I | 21 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW56D_180405 | MW056I | 05 Apr 2018 | Normal | EB1808674 | - | - |
| QLD_0861_PFAS | 0861_MW56D_190509 | MW056I | 09 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW56D_191128 | MW056I | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_200422 | MW056I | 22 Apr 2020 | Normal | EB2011255 | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_201015 | MW056I | 15 Oct 2020 | Normal | EB2027208-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_210415 | MW056I | 15 Apr 2021 | Normal | EB2111112 | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_211022 | MW056I | 22 Oct 2021 | Normal | EB2130815 | - | - |
| QLD_0861_PFASOMP | 0861_MW056I_220329 | MW056I | 29 Mar 2022 | Normal | EB2209946 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_230418 | MW056I | 18 Apr 2023 | Normal | EB2312057 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056I_231026 | MW056I | 30 Oct 2023 | Normal | EB2333894-AB | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056I_240416 | MW056I | 16 Apr 2024 | Normal | EB2413946 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056I_241108 | MW056I | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_MW56S_180221 | MW056S | 21 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW56S_180405 | MW056S | 05 Apr 2018 | Normal | EB1808674 | - | - |
| QLD_0861_PFAS | 0861_MW56S_190509 | MW056S | 09 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW56S_191128 | MW056S | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_200422 | MW056S | 22 Apr 2020 | Normal | EB2011255 | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_201015 | MW056S | 15 Oct 2020 | Normal | EB2027208-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_210415 | MW056S | 15 Apr 2021 | Normal | EB2111112 | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_211022 | MW056S | 22 Oct 2021 | Normal | EB2130815 | - | - |
| QLD_0861_PFASOMP | 0861_MW056S_220329 | MW056S | 29 Mar 2022 | Normal | EB2209946 | - | - |
| QLD_0861_PFASOMP | 0861_QC171_220329 | MW056S | 29 Mar 2022 | Field_D | EB2209942 | - | - |
| QLD_0861_PFASOMP | 0861_QC271_220329 | MW056S | 29 Mar 2022 | Interlab_D | RN1349008 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW056S_231026 | MW056S | 26 Oct 2023 | Normal | EB2333898 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW056S_240416 | MW056S | 16 Apr 2024 | Normal | EB2413946 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC107_240416 | MW056S | 16 Apr 2024 | Field_D | EB2413950 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC207_240416 | MW056S | 16 Apr 2024 | Interlab_D | RN1427801 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW056S_241108 | MW056S | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_MW57D_180222 | MW057I | 22 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW57D_180406 | MW057I | 06 Apr 2018 | Normal | EB1808674 | - | - |
| QLD_0861_PFAS | 0861_QC134_080406 | MW057I | 06 Apr 2018 | Field_D | EB1808675 | - | - |
| QLD_0861_PFAS | 0861_QC234_180406 | MW057I | 06 Apr 2018 | Interlab_D | 189173 | - | - |
| QLD_0861_PFAS | 0861_MW57D_190514 | MW057I | 14 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFAS | 0861_QC101_190514 | MW057I | 14 May 2019 | Field_D | EB1912390 | - | - |
| QLD_0861_PFAS | 0861_MW57D_191128 | MW057I | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_200428 | MW057I | 28 Apr 2020 | Normal | EB2011568 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_201015 | MW057I | 15 Oct 2020 | Normal | EB2027208-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_210421 | MW057I | 21 Apr 2021 | Normal | EB2111112 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211022 | MW057I | 22 Oct 2021 | Normal | EB2130815 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_211126 | MW057I | 26 Nov 2021 | Normal | EB2134318 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_220404 | MW057I | 04 Apr 2022 | Normal | EB2209946 | - | - |
| QLD_0861_PFASOMP | 0861_MW057I_221026 | MW057I | 26 Oct 2022 | Normal | EB2231850 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_230419 | MW057I | 19 Apr 2023 | Normal | EB2312057 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057I_231129 | MW057I | 29 Nov 2023 | Normal | EB2337879-AB | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057I_240503 | MW057I | 03 May 2024 | Normal | EB2414909 | - | - |

**Table C-4: Historical Groundwater Analytical Summary Table**

| | Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfo | Sum of TOP C4 - C14 as Fluorine |
|---|---|---|
| | µg/L | µg/L |
| EQL | 0.01 | 0.01 |
| PFAS NEMP 2020 Drinking Water | | |
| PFAS NEMP 2020 Freshwater 95% | | |
| PFAS NEMP 2020 Freshwater 99% | | |

| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | |
|---|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_24a | 0861_MW057I_241108 | MW057I | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_MW57S_180222 | MW057S | 22 Feb 2018 | Normal | EB1804971 | - | - |
| QLD_0861_PFAS | 0861_MW57S_180406 | MW057S | 06 Apr 2018 | Normal | EB1808674 | - | - |
| QLD_0861_PFAS | 0861_MW57S_190514 | MW057S | 14 May 2019 | Normal | EB1912390 | - | - |
| QLD_0861_PFAS | 0861_MW57S_191128 | MW057S | 28 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_200428 | MW057S | 28 Apr 2020 | Normal | EB2011568 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_201015 | MW057S | 15 Oct 2020 | Normal | EB2027208-AA | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_210421 | MW057S | 21 Apr 2021 | Normal | EB2111112 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211022 | MW057S | 22 Oct 2021 | Normal | EB2130815 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_211126 | MW057S | 26 Nov 2021 | Normal | EB2134318 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_220404 | MW057S | 04 Apr 2022 | Normal | EB2209946 | - | - |
| QLD_0861_PFASOMP | 0861_QC179_220404 | MW057S | 04 Apr 2022 | Field_D | EB2209942 | - | - |
| QLD_0861_PFASOMP | 0861_QC279_220404 | MW057S | 04 Apr 2022 | Interlab_D | RN1349008 | - | - |
| QLD_0861_PFASOMP | 0861_MW057S_221026 | MW057S | 26 Oct 2022 | Normal | EB2231850 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_230419 | MW057S | 19 Apr 2023 | Normal | EB2312057 | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC103_230419 | MW057S | 19 Apr 2023 | Field_D | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC203_230419 | MW057S | 19 Apr 2023 | Interlab_D | RN1393124 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW057S_231129 | MW057S | 29 Nov 2023 | Normal | EB2337879-AB | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW057S_240503 | MW057S | 03 May 2024 | Normal | EB2414909 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW057S_241108 | MW057S | 08 Nov 2024 | Normal | 1158339 | - | - |
| QLD_0861_PFAS | 0861_QC203_190502 | MW309 | 02 May 2019 | Interlab_D | 217104 | - | - |
| QLD_0861_PFAS | 0861_MW309_190508 | MW309 | 08 May 2019 | Normal | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_QC103_190508 | MW309 | 08 May 2019 | Field_D | EB1911948 | - | - |
| QLD_0861_PFAS | 0861_MW309_191127 | MW309 | 27 Nov 2019 | Normal | EB1932183 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_200427 | MW309 | 27 Apr 2020 | Normal | EB2011562 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_201013 | MW309 | 13 Oct 2020 | Normal | EB2027172 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_210420 | MW309 | 20 Apr 2021 | Normal | EB2111121 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_211026 | MW309 | 26 Oct 2021 | Normal | EB2130850 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_220330 | MW309 | 30 Mar 2022 | Normal | EB2209950 | - | - |
| QLD_0861_PFASOMP | 0861_MW309_221025 | MW309 | 25 Oct 2022 | Normal | EB2231825 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_230420 | MW309 | 20 Apr 2023 | Normal | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC104_230420 | MW309 | 20 Apr 2023 | Field_D | EB2312062-AA | - | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_230420 | MW309 | 20 Apr 2023 | Interlab_D | RN1393124 | - | - |
| QLD_0861_PFASOMP_23 | 0861_MW309_231027 | MW309 | 27 Oct 2023 | Normal | EB2333887-AA | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW309_240415 | MW309 | 15 Apr 2024 | Normal | EB2413910 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW535_240711 | MW535 | 11 Jul 2024 | Normal | EB2423759 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW535_241101 | MW535 | 01 Nov 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW536_240711 | MW536 | 11 Jul 2024 | Normal | EB2423759 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW536_241031 | MW536 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW537_240711 | MW537 | 11 Jul 2024 | Normal | EB2423759 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW537_241031 | MW537 | 31 Oct 2024 | Normal | 1155836 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW538_240711 | MW538 | 11 Jul 2024 | Normal | EB2423759 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW538_241104 | MW538 | 04 Nov 2024 | Normal | 1156536 | - | - |
| QLD_0861_PFASOMP_24 | 0861_MW539_240711 | MW539 | 11 Jul 2024 | Normal | EB2423759 | - | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240711 | MW539 | 11 Jul 2024 | Field_D | EB2423759 | - | - |
| QLD_0861_PFASOMP_24a | 0861_MW539_241031 | MW539 | 31 Oct 2024 | Normal | 1155836 | - | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water

HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%

HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFAS | SW002 | 0861_SW002_190429 | 29 Apr 2019 | Normal | EB1911387 | 0.06 | 0.06 | 0.55 | <0.02 | 0.97 | - | <0.02 | 0.3 | 2.56 | 2.25 | 0.75 | 0.34 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.21 | 0.18 | 1.09 | 0.05 | 1.50 | - | <0.02 | <0.5 | <1.28 | 0.98 | 0.44 | 0.24 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.20 | 0.12 | 0.99 | 0.03 | 2.80 | - | 0.08 | 2.3 | 9.05 | 9.70 | 3.56 | 0.91 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.17 | 0.16 | 1.13 | 0.05 | 1.53 | - | <0.02 | 0.3 | 0.75 | 0.74 | 0.25 | 0.22 |
| QLD_0861_PFASOMP | SW002 | 0861_QC161_211025 | 25 Oct 2021 | Field_D | EB2130835 | 0.07 | 0.04 | 0.39 | <0.02 | 0.64 | - | <0.02 | 0.15 | 0.24 | 0.24 | 0.07 | 0.06 |
| QLD_0861_PFASOMP | SW002 | 0861_QC261_211025 | 25 Oct 2021 | Interlab_D | RN1333717 | 0.055 | 0.039 | 0.35 | 0.01 | 0.6 | <0.01 | <0.01 | 0.15 | 0.21 | 0.17 | 0.064 | 0.048 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.07 | 0.04 | 0.40 | <0.02 | 0.66 | - | <0.02 | 0.16 | 0.25 | 0.23 | 0.07 | 0.07 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.10 | 0.08 | 0.61 | 0.03 | 1.02 | - | <0.02 | 0.2 | 0.34 | 0.38 | 0.16 | 0.19 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.03 | <0.02 | 0.19 | <0.02 | 0.31 | - | <0.02 | <0.1 | 0.17 | 0.16 | 0.08 | 0.04 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.03 | 0.03 | 0.15 | <0.02 | 0.33 | - | <0.02 | <0.1 | 0.17 | 0.12 | 0.05 | 0.03 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.03 | 0.02 | 0.19 | <0.02 | 0.26 | - | <0.02 | 0.1 | 0.46 | 0.34 | 0.17 | 0.05 |
| QLD_0861_PFASOMP_24 | SW002 | 0861_SW002_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.08 | 0.07 | 0.43 | <0.02 | 0.76 | - | <0.02 | <0.1 | 0.18 | 0.21 | 0.07 | 0.06 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | 0.07 | 0.06 | 0.51 | 0.03 | 1.0 | <0.01 | <0.01 | 0.20 | 0.47 | 0.47 | 0.18 | 0.09 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | 0.08 | 0.06 | 0.63 | 0.03 | 1.3 | - | <0.02 | 0.2 | 0.48 | 0.44 | 0.21 | 0.13 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | 0.08 | 0.06 | 0.48 | 0.02 | 0.98 | <0.01 | <0.01 | 0.19 | 0.40 | 0.44 | 0.16 | 0.09 |
| QLD_Hist_202012-3 | SW003 | RAAF AMB SW106 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | 6.37 | - | - | - | - | - | - | 0.15 |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_121011 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | 0.04 | - | - | - | - | - | - | <0.02 |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | 0.82 | - | - | - | - | - | - | <0.02 |
| QLD_Hist_202012-3 | SW003 | E0861_SW106_130821 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 |
| QLD_Hist_202012-3 | SW003 | 0861_SW03_170302 | 02 Mar 2017 | Normal | EB1704145 | <0.02 | <0.02 | 0.05 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW003 | 0861_SW003_190429 | 29 Apr 2019 | Normal | EB1911387 | 0.36 | 0.37 | 2.41 | 0.10 | 3.06 | - | <0.02 | 0.2 | 0.61 | 1.02 | 0.24 | 0.32 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.26 | 0.20 | 1.73 | 0.12 | 3.10 | - | <0.02 | 0.4 | 0.66 | 0.77 | 0.25 | 0.28 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.28 | 0.28 | 1.71 | 0.06 | 1.39 | - | <0.02 | 0.3 | 0.76 | 0.90 | 0.21 | 0.19 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_211022 | 22 Oct 2021 | Normal | EB2130835 | 0.10 | 0.08 | 0.58 | 0.03 | 0.85 | - | <0.02 | <0.1 | 0.16 | 0.24 | 0.04 | 0.06 |
| QLD_0861_PFASOMP | SW003 | 0861_QC168_220328 | 28 Mar 2022 | Field_D | EB2209942 | 0.71 | 0.84 | 3.12 | 0.20 | 2.94 | - | <0.02 | 0.4 | 1.00 | 1.69 | 0.46 | 0.41 |
| QLD_0861_PFASOMP | SW003 | 0861_QC268_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | 0.58 | 0.51 | 2.1 | 0.084 | 1.6 | <0.01 | 0.014 | 0.34 | 0.81 | 1.3 | 0.3 | 0.34 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.86 | 0.76 | 3.75 | 0.17 | 3.20 | - | <0.02 | 0.3 | 1.03 | 1.89 | 0.42 | 0.58 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | 0.10 | <0.02 | 0.33 | - | <0.02 | <0.1 | 0.06 | 0.06 | 0.03 | 0.02 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.16 | 0.13 | 0.84 | 0.05 | 1.47 | - | <0.02 | <0.1 | 0.20 | 0.33 | 0.08 | 0.10 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.11 | 0.06 | 0.33 | <0.02 | 0.79 | - | <0.02 | <0.1 | 0.15 | 0.15 | 0.04 | 0.06 |
| QLD_0861_PFASOMP_24 | SW003 | 0861_SW003_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.05 | 0.04 | 0.30 | <0.02 | 0.55 | - | <0.02 | <0.1 | 0.13 | 0.13 | 0.05 | 0.04 |
| QLD_0861_PFAS | SW004 | 0861_SW04_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW004 | 0861_SW004_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW004 | 0861_SW004_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | 0.04 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.04 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW004 | 0861_SW004_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW005 | 0861_SW05_170531 | 31 May 2017 | Normal | EB1711233 | 0.05 | 0.04 | 0.30 | <0.02 | 1.34 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | 0.02 |
| QLD_0861_PFAS | SW005 | 0861_SW005_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.22 | 0.21 | 1.74 | 0.06 | 3.02 | - | <0.02 | <0.1 | 0.12 | 0.36 | 0.04 | 0.07 |
| QLD_0861_PFAS | SW005 | 0861_SW005_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.03 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.25 | 0.18 | 1.50 | 0.06 | 2.78 | - | <0.02 | <0.10 | 0.14 | 0.41 | 0.04 | 0.08 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW005 | 0861_QC182_221018 | 18 Oct 2022 | Field_D | EB2231197 | 0.09 | 0.07 | 0.50 | 0.03 | 1.26 | - | <0.02 | <0.1 | 0.04 | 0.13 | <0.02 | 0.03 |
| QLD_0861_PFASOMP | SW005 | 0861_QC282_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | 0.051 | 0.037 | 0.31 | <0.01 | 0.65 | <0.01 | <0.01 | <0.05 | <0.02 | 0.061 | <0.01 | 0.017 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_221018 | 18 Oct 2022 | Normal | EB2231197 | 0.09 | 0.07 | 0.51 | 0.03 | 1.23 | - | <0.02 | <0.1 | 0.04 | 0.13 | <0.02 | 0.03 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 1.53 | 1.11 | 6.22 | 0.27 | 11.4 | - | <0.02 | 0.5 | 0.53 | 1.41 | 0.13 | 0.25 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW005 | 0861_SW005_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | 10 |

| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.01 | 0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | SW008 | RAAFAmb SW14 26/07/2012 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | 7.02 | - | - | - | - | - | - | 0.68 |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_121009 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | 0.75 | - | - | - | - | - | - | <0.02 |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_130116 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | 4.27 | - | - | - | - | - | - | 0.09 |
| QLD_Hist_202012-3 | SW008 | E0861_SW14_130809 | 09 Aug 2013 | Normal | EB1319278 | - | - | - | - | 3.71 | - | - | - | - | - | - | 0.29 |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_170302 | 02 Mar 2017 | Normal | EB1704145 | 0.15 | 0.05 | 0.74 | <0.02 | 0.53 | - | <0.02 | <0.1 | 0.08 | 0.12 | 0.04 | 0.22 |
| QLD_0861_PFAS | SW008 | 0861_SW08_170531 | 31 May 2017 | Normal | EB1711233 | 0.35 | 0.30 | 1.72 | 0.09 | 1.75 | - | 0.13 | <0.1 | 0.27 | 0.68 | 0.13 | 0.20 |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_171013 | 13 Oct 2017 | Normal | EB1721221 | 0.04 | 0.03 | 0.23 | <0.02 | 0.41 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | 0.04 |
| QLD_0861_PFAS | SW008 | 0861_SW008_190502 | 02 May 2019 | Normal | EB1911387 | 0.14 | 0.06 | 0.37 | <0.02 | 0.37 | - | <0.02 | <0.1 | 0.07 | 0.16 | 0.02 | 0.04 |
| QLD_0861_PFASOMP | SW008 | 0861_QC106_200417 | 17 Apr 2020 | Field_D | EB2010666-AE | 0.12 | 0.09 | 0.51 | 0.03 | 1.00 | - | <0.02 | <0.1 | 0.16 | 0.24 | 0.05 | 0.08 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1271947 | 0.085 | 0.065 | 0.45 | 0.014 | 0.78 | <0.01 | <0.01 | 0.052 | 0.16 | 0.22 | 0.052 | 0.067 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1274650 | 0.085 | 0.065 | 0.45 | 0.014 | 0.78 | <0.01 | <0.01 | 0.052 | 0.16 | 0.22 | 0.052 | 0.067 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_200417 | 17 Apr 2020 | Normal | EB2010666-AE | 0.10 | 0.09 | 0.43 | 0.02 | 0.92 | - | <0.02 | <0.1 | <0.16 | 0.23 | 0.07 | 0.07 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.08 | 0.06 | 0.37 | <0.04 | 1.06 | - | <0.04 | <0.3 | 0.07 | 0.12 | 0.05 | 0.06 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_210415 | 15 Apr 2021 | Normal | EB2111121 | 0.04 | 0.03 | 0.16 | <0.02 | 0.37 | - | <0.02 | <0.1 | 0.02 | 0.03 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.08 | 0.03 | 0.26 | <0.02 | 0.41 | - | <0.02 | <0.10 | <0.04 | 0.05 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.03 | <0.02 | 0.12 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_221026 | 26 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_230427 | 27 Apr 2023 | Normal | EB2312761-AA | 0.14 | 0.08 | 0.51 | 0.03 | 0.93 | - | <0.02 | <0.1 | 0.13 | 0.23 | 0.04 | 0.07 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.06 | 0.04 | 0.23 | <0.02 | 0.39 | - | <0.02 | <0.1 | 0.05 | 0.08 | 0.02 | 0.02 |
| QLD_0861_PFASOMP_24 | SW008 | 0861_SW008_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.34 | 0.23 | 1.63 | 0.08 | 2.56 | - | <0.02 | 0.1 | 0.34 | 0.58 | 0.12 | 0.18 |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | 0.14 | 0.13 | 1.1 | 0.06 | 1.8 | <0.01 | <0.01 | 0.18 | 0.18 | 0.38 | 0.08 | 0.12 |
| QLD_0861_PFAS | SW009 | 0861_SW09_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW009 | 0861_SW009_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW009 | 0861_SW009_191121 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | 0.02 | 0.13 | <0.02 | 0.32 | - | <0.02 | <0.1 | 0.02 | 0.07 | <0.02 | 0.03 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.07 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.04 | 0.04 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.04 | <0.02 | 0.03 | <0.02 | 0.04 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.14 | 0.10 | 0.75 | 0.03 | 1.05 | - | <0.02 | <0.1 | 0.12 | 0.24 | 0.05 | 0.08 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_221018 | 18 Oct 2022 | Normal | EB2231197 | 0.14 | 0.12 | 0.71 | 0.03 | 0.66 | - | <0.02 | <0.1 | 0.12 | 0.36 | 0.06 | 0.08 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW009 | 0861_SW009_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | SW011 | RAAF AMB SW01 | 06 Aug 2012 | Normal | EB1220568 | - | - | - | - | 14.7 | - | - | - | - | - | - | 0.5 |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_121012 | 12 Oct 2012 | Normal | EB1226648 | - | - | - | - | 3.12 | - | - | - | - | - | - | 0.2 |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | 27.9 | - | - | - | - | - | - | 2.53 |
| QLD_Hist_202012-3 | SW011 | E0861_SW01_130822 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | 17.9 | - | - | - | - | - | - | 0.68 |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_170228 | 28 Feb 2017 | Normal | EB1703883 | 0.63 | 0.64 | 5.25 | 0.28 | 8.52 | - | <0.02 | <0.1 | 0.5 | 1.36 | 0.26 | 0.32 |
| QLD_0861_PFAS | SW011 | 0861_SW011_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | 1.76 | 1.92 | 13.0 | 0.585 | 23.3 | - | <0.002 | 0.36 | 3.10 | 5.39 | 1.16 | 1.05 |
| QLD_0861_PFAS | SW011 | 0861_SW011_170915 | 15 Sep 2017 | Normal | EB1719132 | 0.19 | 0.16 | 1.18 | 0.04 | 2.01 | - | <0.02 | <0.1 | <0.02 | 0.33 | 0.04 | 0.08 |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_17 | 06 Oct 2017 | Normal | EB1720694 | 0.24 | 0.33 | 2.67 | 0.08 | 1.66 | - | <0.02 | <0.1 | <0.02 | 0.64 | 0.15 | 0.11 |
| QLD_0861_PFAS | SW011 | 0861_SW011_190501 | 01 May 2019 | Normal | EB1911387 | 0.22 | 0.26 | 2.17 | 0.09 | 2.26 | - | <0.02 | 0.4 | 0.92 | 1.10 | 0.40 | 0.26 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.03 | 0.02 | 0.25 | <0.02 | 0.40 | - | <0.02 | <0.1 | 0.02 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.16 | 0.12 | 1.35 | 0.08 | 1.91 | - | <0.02 | <0.3 | 0.35 | 0.43 | 0.12 | 0.12 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.37 | 0.42 | 4.44 | 0.19 | 5.28 | - | <0.02 | 0.4 | 1.06 | 1.39 | 0.36 | 0.36 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.18 | 0.16 | 1.72 | 0.09 | 2.15 | - | <0.02 | 0.1 | 0.17 | 0.38 | 0.06 | 0.11 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.13 | 0.12 | 0.99 | 0.06 | 1.49 | - | <0.02 | <0.1 | 0.29 | 0.39 | 0.12 | 0.13 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 0.28 | 0.31 | 3.15 | 0.16 | 6.57 | - | <0.02 | 0.1 | 0.21 | 0.62 | 0.10 | 0.16 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.06 | 0.05 | 0.50 | 0.03 | 0.89 | - | <0.02 | <0.1 | 0.04 | 0.07 | 0.02 | 0.02 |
| QLD_0861_PFASOMP_24 | SW011 | 0861_SW011_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.14 | 0.15 | 1.60 | 0.07 | 2.44 | - | <0.02 | <0.1 | 0.12 | 0.35 | 0.05 | 0.08 |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | 0.13 | 0.13 | 1.3 | 0.09 | 1.9 | <0.01 | <0.01 | 0.07 | 0.15 | 0.37 | 0.06 | 0.09 |
| QLD_0861_PFAS | SW015 | 0861_SW15_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW015 | 0861_SW015_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW015 | 0861_SW015_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW015 | 0861_SW015_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.01 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW016 | 0861_SW16_170605 | 05 Jun 2017 | Normal | EB1711471 | 0.15 | 0.10 | 0.78 | 0.05 | 2.60 | - | <0.02 | <0.1 | <0.02 | 0.17 | 0.02 | 0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW016_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW016 | 0861_SW016_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.06 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_QC141_210412 | 12 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_QC241_210412 | 12 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | 0.017 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW016 | 0861_SW016_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW018 | 0861_SW18_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW018 | 0861_SW018_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW018 | 0861_SW018_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.04 | <0.02 | 0.10 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.01 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.05 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW018 | 0861_SW018_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW018 | 0861_SW018_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | 0.05 | 0.03 | 0.21 | 0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.03 | 0.04 | <0.01 | 0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | 0.02 | 0.02 | 0.15 | <0.01 | 0.33 | - | <0.02 | <0.02 | <0.02 | 0.03 | <0.01 | 0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | 0.04 | 0.02 | 0.17 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW020 | 0861_SW20_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW020 | 0861_SW020_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.04 | <0.02 | 0.09 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.03 | <0.02 | 0.09 | <0.02 | 0.14 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_200415 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_QC119_201012 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_QC219_201012 | 12 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | 0.018 | <0.01 | 0.034 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.04 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_QC185_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_QC285_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC101_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC201_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_SW020_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | 0.05 | 0.03 | 0.25 | 0.01 | 0.52 | <0.01 | <0.01 | <0.05 | 0.03 | 0.06 | <0.01 | 0.01 |
| QLD_0861_PFAS | SW021 | 0861_SW021_170914 | 14 Sep 2017 | Normal | EB1719065 | 0.83 | 0.95 | 6.98 | 0.42 | 17.9 | - | 0.12 | 1.0 | 2.41 | 5.52 | 0.97 | 1.49 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_200420 | 20 Apr 2020 | Normal | EB2011246-AC | 0.39 | 0.47 | 4.98 | 0.35 | 23.1 | - | 0.58 | <0.3 | 0.44 | 1.02 | 0.23 | 0.75 |
| QLD_0861_PFASOMP | SW021 | 0861_QC135_201103 | 03 Nov 2020 | Field_D | EB2028860 | 1.72 | 2.03 | 16.6 | 1.32 | 38.2 | - | 0.23 | 2.3 | 2.76 | 4.95 | 0.84 | 2.18 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_201103 | 03 Nov 2020 | Normal | EB2028860 | 1.76 | 2.05 | 17.9 | 1.05 | 40.9 | - | <0.10 | 1.7 | 3.19 | 5.27 | 0.96 | 2.35 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_210330 | 30 Mar 2021 | Normal | EB2108857 | 5.85 | 5.28 | 23.0 | 0.73 | 16.4 | - | 0.05 | 2.8 | 5.89 | 18.5 | 2.65 | 3.25 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_211021 | 21 Oct 2021 | Normal | EB2130835 | 1.01 | 0.74 | 5.20 | 0.26 | 9.50 | - | 0.31 | 0.7 | 1.40 | 2.77 | 0.41 | 0.80 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_220331 | 31 Mar 2022 | Normal | EB2209950 | 1.35 | 1.35 | 8.60 | 0.37 | 13.3 | - | <0.05 | 0.7 | 1.74 | 4.58 | 0.74 | 1.60 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_221021 | 21 Oct 2022 | Normal | EB2231197 | 1.08 | 1.39 | 9.98 | 0.56 | 14.6 | - | 0.08 | 0.9 | 1.78 | 4.66 | 0.67 | 1.94 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 1.96 | 1.74 | 8.68 | 0.38 | 12.0 | - | <0.02 | 1.4 | 1.87 | 3.07 | 0.49 | 0.82 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.73 | 0.49 | 2.74 | 0.13 | 5.52 | - | <0.04 | 0.3 | 0.79 | 1.01 | 0.19 | 0.42 |
| QLD_0861_PFASOMP_24 | SW021 | 0861_SW021_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.22 | 0.24 | 2.02 | 0.10 | 6.06 | - | <0.02 | 0.2 | 0.28 | 0.58 | 0.11 | 0.28 |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | 0.19 | 0.19 | 2.3 | 0.11 | 6.4 | 0.02 | 0.02 | 0.26 | 0.28 | 0.49 | 0.09 | 0.23 |
| QLD_0861_PFAS | SW025 | 0861_SW25_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_SW025_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_QC101_191119 | 19 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_SW025_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_QC201_191119 | 20 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_SW25_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_QC102_200415 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.20 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_QC151_210421 | 21 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_QC251_210421 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_210421 | 21 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC105_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC205_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_SW025_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_SW26_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | 0.10 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_SW026_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | 0.05 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_QC101_191127 | 27 Nov 2019 | Field_D | EB1932183 | 0.02 | <0.02 | 0.06 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_QC201_191127 | 27 Nov 2019 | Interlab_D | 232094 | <0.01 | <0.01 | 0.07 | <0.01 | 0.13 | - | <0.02 | <0.02 | <0.02 | 0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_SW026_191127 | 27 Nov 2019 | Normal | EB1932183 | 0.02 | <0.02 | 0.06 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_200421 | 21 Apr 2020 | Normal | EB2011255 | <0.02 | <0.02 | 0.09 | <0.02 | 0.14 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | 0.04 | <0.02 | 0.07 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_210416 | 16 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_211020 | 20 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.03 | 0.03 | 0.23 | <0.02 | 0.35 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | 0.04 | <0.02 | 0.09 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_231024 | 24 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | 0.07 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC103_240411 | 11 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC203_240411 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_SW026_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | 0.03 | 0.02 | 0.14 | <0.01 | 0.26 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.26 | 0.29 | 2.18 | 0.08 | 1.21 | - | <0.02 | 0.2 | 0.38 | 0.64 | 0.16 | 0.17 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.06 | 0.06 | 0.44 | 0.02 | 0.55 | - | <0.02 | <0.1 | 0.10 | 0.15 | 0.05 | 0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_220328 | 28 Mar 2022 | Normal | EB2209950 | 1.87 | 2.32 | 21.5 | 1.11 | 14.0 | - | <0.02 | 0.4 | 0.95 | 4.98 | 0.48 | 1.22 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | 0.08 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 0.03 | 0.03 | 0.26 | <0.02 | 0.77 | - | <0.02 | <0.1 | 0.02 | 0.07 | <0.02 | 0.02 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.07 | 0.07 | 0.63 | 0.03 | 0.89 | - | <0.02 | <0.1 | 0.05 | 0.11 | 0.03 | 0.05 |
| QLD_0861_PFASOMP_24 | SW027 | 0861_SW027_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.17 | 0.20 | 1.92 | 0.10 | 4.88 | - | <0.02 | <0.1 | 0.12 | 0.34 | 0.07 | 0.10 |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | 0.02 | 0.02 | 0.15 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.03 | 0.08 | 0.02 | 0.02 |
| QLD_0861_PFAS | SW028 | 0861_SW28_170601 | 01 Jun 2017 | Normal | EB1711387 | 0.02 | <0.02 | 0.13 | <0.02 | 0.32 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW028 | 0861_SW028_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | 0.12 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_QC100_200414 | 14 Apr 2020 | Field_D | EB2010666-AE | 0.14 | 0.06 | 0.64 | 0.02 | 0.75 | - | <0.02 | <0.10 | 0.03 | 0.05 | <0.02 | 0.03 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1271947 | 0.11 | 0.061 | 0.61 | 0.011 | 0.63 | <0.01 | <0.01 | 0.061 | 0.027 | 0.055 | <0.01 | 0.018 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1274650 | 0.11 | 0.061 | 0.61 | 0.011 | 0.63 | <0.01 | <0.01 | 0.061 | 0.027 | 0.055 | <0.01 | 0.018 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.12 | 0.06 | 0.81 | 0.02 | 0.76 | - | <0.02 | <0.10 | <0.02 | 0.14 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.07 | 0.03 | 0.29 | <0.02 | 0.44 | - | <0.02 | <0.2 | <0.02 | 0.05 | <0.02 | 0.04 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.07 | 0.04 | 0.31 | <0.02 | 0.45 | - | <0.02 | <0.1 | 0.03 | 0.04 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW028 | 0861_QC153_211019 | 19 Oct 2021 | Field_D | EB2130835 | 0.05 | 0.02 | 0.25 | <0.02 | 0.57 | - | <0.02 | <0.1 | 0.02 | 0.04 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW028 | 0861_QC253_211019 | 19 Oct 2021 | Interlab_D | RN1333717 | 0.048 | 0.028 | 0.24 | <0.01 | 0.55 | <0.01 | <0.01 | 0.052 | 0.022 | 0.033 | <0.01 | 0.01 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.06 | 0.02 | 0.27 | <0.02 | 0.71 | - | <0.02 | <0.1 | 0.02 | 0.04 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.04 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_230509 | 09 May 2023 | Normal | EB2314270 | 0.03 | <0.02 | 0.13 | <0.02 | 0.30 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_Stage2_23 | SW028 | 0861_SW028_230810 | 10 Aug 2023 | Normal | 1018693 | 0.14 | 0.07 | 0.45 | 0.01 | 0.36 | <0.01 | <0.01 | <0.05 | 0.03 | 0.06 | <0.01 | 0.01 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.81 | 0.33 | 1.28 | 0.03 | 0.94 | - | <0.02 | <0.1 | 0.06 | 0.20 | <0.03 | 0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC100_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC200_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_SW028_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | 0.06 | 0.03 | 0.22 | <0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | 0.06 | 0.03 | 0.25 | 0.01 | 0.47 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW030 | 0861_SW030_1904029 | 29 Apr 2019 | Normal | EB1911387 | 0.21 | 0.21 | 2.01 | 0.08 | 1.44 | - | <0.02 | 0.1 | 0.48 | 0.63 | 0.18 | 0.14 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.09 | 0.07 | 0.66 | 0.02 | 0.61 | - | <0.02 | 0.2 | 0.16 | 0.20 | 0.04 | 0.04 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.47 | 0.52 | 5.18 | 0.23 | 4.46 | - | <0.02 | 0.4 | 1.17 | 1.67 | 0.38 | 0.36 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_211026 | 26 Oct 2021 | Normal | EB2130850 | 1.18 | 0.81 | 6.06 | 0.34 | 7.68 | - | <0.02 | 0.77 | 1.69 | 2.91 | 0.50 | 0.59 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.18 | 0.14 | 1.00 | 0.06 | 2.29 | - | <0.02 | <0.1 | 0.12 | 0.29 | 0.06 | 0.09 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.51 | 0.59 | 4.74 | 0.32 | 5.00 | - | <0.02 | 0.2 | 0.44 | 1.27 | 0.24 | 0.30 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 0.16 | 0.16 | 1.35 | 0.09 | 2.52 | - | <0.02 | 0.1 | 0.31 | 0.43 | 0.11 | 0.13 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.12 | 0.09 | 0.64 | 0.04 | 2.31 | - | <0.02 | 0.1 | 0.20 | 0.18 | 0.09 | 0.09 |
| QLD_0861_PFASOMP_24 | SW030 | 0861_SW030_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.25 | 0.24 | 2.26 | 0.11 | 3.26 | - | <0.02 | 0.1 | 0.31 | 0.54 | 0.11 | 0.14 |
| QLD_0861_PFAS | SW033 | 0861_SW033_170914 | 14 Sep 2017 | Normal | EB1719065 | 0.35 | 0.33 | 1.92 | 0.17 | 9.54 | - | 0.13 | 0.6 | 1.34 | 3.24 | 0.47 | 0.75 |
| QLD_0861_PFAS | SW033 | 0861_SW033_190503 | 03 May 2019 | Normal | EB1911387 | 0.62 | 0.67 | 4.53 | 0.26 | 9.23 | - | <0.02 | 1.0 | 2.01 | 4.27 | 0.84 | 1.38 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_200427 | 27 Apr 2020 | Normal | EB2011562 | 0.07 | 0.12 | 1.01 | 0.08 | 3.50 | - | 0.04 | <0.1 | 0.14 | 0.38 | 0.08 | 0.20 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_210415 | 15 Apr 2021 | Normal | EB2111121 | 6.82 | 8.00 | 44.2 | 1.52 | 63.8 | - | 0.66 | 3.2 | 6.11 | 23.3 | 3.35 | 7.70 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_211026 | 26 Oct 2021 | Normal | EB2130850 | 2.54 | 2.94 | 22.1 | 0.89 | 78.6 | - | 0.47 | 1.96 | 3.05 | 8.49 | 0.94 | 2.70 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_220405 | 05 Apr 2022 | Normal | EB2209950 | 3.38 | 4.96 | 28.6 | 0.87 | 31.4 | - | 0.67 | <1.7 | 3.17 | 12.5 | 1.88 | 4.52 |
| QLD_0861_PFASOMP | SW033 | 0861_QC195_221025 | 25 Oct 2022 | Field_D | EB2231825 | 0.63 | 0.81 | 5.61 | 0.30 | 17.5 | - | 0.27 | 0.7 | 0.89 | 2.65 | 0.38 | 0.93 |
| QLD_0861_PFASOMP | SW033 | 0861_QC295_221025 | 25 Oct 2022 | Interlab_D | RN1371573 | 0.46 | 0.53 | 3.4 | 0.16 | 10 | 0.043 | 0.032 | 0.47 | 0.63 | 1.4 | 0.2 | 0.5 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_221025 | 25 Oct 2022 | Normal | EB2231825 | 0.60 | 0.74 | 5.27 | 0.27 | 17.1 | - | 0.26 | 0.7 | 0.85 | 2.58 | 0.37 | 0.88 |
| QLD_0861_PFASOMP_23 | SW033 | 0861_SW033_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.54 | 0.99 | 4.90 | 0.17 | 8.13 | - | <0.06 | 0.6 | 1.23 | 1.90 | 0.25 | 0.63 |
| QLD_0861_PFAS | SW034 | 0861_SW34_170601 | 01 Jun 2017 | Normal | EB1711387 | 0.83 | 0.87 | 5.91 | 0.24 | 6.08 | - | <0.02 | <0.1 | 0.48 | 1.02 | 0.10 | 0.15 |
| QLD_0861_PFAS | SW034 | 0861_SW034_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW034 | 0861_SW034_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.04 | <0.02 | 0.11 | <0.02 | 0.14 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.02 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | 0.05 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_221018 | 18 Oct 2022 | Normal | EB2231197 | 0.02 | 0.02 | 0.20 | <0.02 | 0.30 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW034 | 0861_SW034_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | 0.03 | 0.02 | 0.14 | <0.01 | 0.27 | <0.01 | <0.01 | <0.05 | 0.01 | 0.04 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW036 | 0861_SW36_170530 | 30 May 2017 | Normal | ES1713428 | 0.038 | 0.024 | 0.111 | 0.007 | 0.119 | - | <0.002 | <0.01 | 0.013 | 0.039 | 0.008 | 0.010 |
| QLD_0861_PFAS | SW036 | 0861_SW036_180119 | 18 Jan 2018 | Normal | EB1802500 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW036 | 0861_SW036_190501 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.02 | <0.02 | 0.19 | <0.02 | 0.15 | - | <0.02 | <0.10 | <0.02 | 0.08 | 0.02 | 0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | 0.03 | <0.02 | 0.08 | - | <0.02 | <0.10 | 0.05 | 0.03 | 0.03 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC142_210414 | 14 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC242_210414 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC155_211020 | 20 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC255_211020 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC178_220401 | 01 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_QC278_220401 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.04 | <0.02 | 0.06 | - | <0.02 | 0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW036 | 0861_SW036_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | 0.02 | 0.01 | 0.09 | <0.01 | 0.14 | <0.01 | <0.01 | <0.05 | 0.02 | 0.04 | 0.02 | 0.01 |
| QLD_0861_PFAS | SW037 | 0861_QC101_170913 | 13 Sep 2017 | Field_D | EB1719017 | 7.05 | 5.82 | 31.8 | 1.96 | 31.6 | - | <0.002 | 0.56 | 3.58 | 14.7 | 2.70 | 4.19 |
| QLD_0861_PFAS | SW037 | 0861_QC201_170914 | 13 Sep 2017 | Interlab_D | 175963 | 8.9 | 7.7 | 31 | 2.0 | 40 | - | 0.006 | 2.2 | 1.9 | 13 | 1.7 | 3.6 |
| QLD_0861_PFAS | SW037 | 0861_SW037_0_170913 | 13 Sep 2017 | Normal | EB1719017 | 7.34 | 6.14 | 30.1 | 2.12 | 29.7 | - | <0.002 | 0.58 | 3.83 | 13.6 | 2.81 | 4.29 |
| QLD_0861_PFAS | SW037 | 0861_QC101_190501 | 01 May 2019 | Field_D | EB1911387 | 0.34 | 0.31 | 2.06 | 0.08 | 1.64 | - | <0.02 | 0.2 | 0.46 | 0.76 | 0.18 | 0.19 |
| QLD_0861_PFAS | SW037 | 0861_QC201_190501 | 01 May 2019 | Interlab_D | 217104 | 0.38 | 0.35 | 1.8 | 0.12 | 2.2 | - | <0.02 | 0.29 | 0.51 | 0.69 | 0.24 | 0.25 |
| QLD_0861_PFAS | SW037 | 0861_SW037_190501 | 01 May 2019 | Normal | EB1911387 | 0.32 | 0.31 | 2.03 | 0.07 | 1.53 | - | <0.02 | 0.2 | 0.45 | 0.76 | 0.19 | 0.19 |
| QLD_0861_PFAS | SW037 | 0861_SW037_191119 | 19 Nov 2019 | Normal | EB1931427 | 3.65 | 3.15 | 17.8 | 0.89 | 15.4 | - | <0.02 | 1.3 | 2.64 | 8.00 | 1.51 | 2.66 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 3.03 | 3.54 | 12.2 | 0.41 | 8.27 | - | <0.10 | 1.60 | 3.23 | 9.39 | 1.40 | 1.48 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_201015 | 14 Oct 2020 | Normal | EB2027176-AA | 5.81 | 4.41 | 24.4 | 1.06 | 12.2 | - | <0.10 | 3.32 | 3.74 | 11.7 | 2.35 | 4.03 |
| QLD_0861_PFASOMP | SW037 | 0861_QC139_210330 | 30 Mar 2021 | Field_D | EB2108857 | 0.96 | 0.89 | 4.96 | 0.20 | 3.56 | - | <0.10 | <0.5 | 1.32 | 2.03 | 0.39 | 0.56 |
| QLD_0861_PFASOMP | SW037 | 0861_QC239_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | 0.83 | 0.66 | 3.1 | 0.09 | 1.3 | <0.01 | <0.01 | 0.47 | 1.1 | 1.7 | 0.36 | 0.42 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.93 | 0.83 | 5.23 | 0.20 | 4.34 | - | <0.10 | <0.5 | 1.36 | 2.00 | 0.42 | 0.58 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.60 | 0.40 | 2.49 | 0.13 | 2.53 | - | <0.02 | 0.28 | 0.62 | 1.17 | 0.18 | 0.22 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_220330 | 30 Mar 2022 | Normal | EB2209950 | 0.28 | 0.23 | 1.53 | 0.08 | 1.49 | - | <0.02 | <0.1 | 0.18 | 0.38 | 0.07 | 0.10 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.22 | 0.22 | 1.55 | 0.10 | 1.82 | - | <0.02 | <0.1 | 0.14 | 0.43 | 0.06 | 0.12 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.54 | 0.52 | 2.57 | 0.13 | 1.73 | - | <0.02 | <0.1 | 0.24 | 0.69 | 0.13 | 0.15 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 2.68 | 1.93 | 7.54 | 0.29 | 4.19 | - | <0.02 | 0.5 | 1.15 | 3.24 | 1.04 | 1.43 |
| QLD_0861_PFASOMP_24 | SW037 | 0861_SW037_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.38 | 0.34 | 2.09 | 0.09 | 2.42 | - | <0.02 | 0.2 | 0.38 | 0.70 | 0.13 | 0.15 |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | 0.37 | 0.28 | 2.0 | 0.09 | 2.0 | <0.01 | <0.01 | 0.12 | 0.22 | 0.55 | 0.08 | 0.10 |
| QLD_0861_PFAS | SW038 | 0861_SW038_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.008 | 0.005 | 0.046 | <0.002 | 0.037 | - | <0.002 | <0.01 | 0.010 | 0.014 | 0.004 | 0.006 |
| QLD_0861_PFAS | SW038 | 0861_SW038_190513 | 13 May 2019 | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW038 | 0861_SW038_191126 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | 0.03 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | 0.04 | 0.02 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.05 | 0.06 | 0.35 | <0.02 | 0.62 | - | <0.02 | <0.1 | <0.16 | 0.17 | 0.04 | 0.03 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.03 | 0.02 | 0.23 | <0.02 | 0.59 | - | <0.02 | <0.2 | 0.19 | 0.21 | 0.09 | 0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_QC137_210330 | 30 Mar 2021 | Field_D | EB2108857 | <0.02 | <0.02 | 0.03 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_QC237_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.01 | <0.01 | 0.019 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | 0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW038 | 0861_SW038_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | 0.11 | 0.07 | 0.58 | 0.04 | 0.98 | <0.01 | <0.01 | 0.09 | 0.16 | 0.20 | 0.05 | 0.07 |
| QLD_0861_PFAS | SW039 | 0861_SW39_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | 0.004 | - | <0.002 | <0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| QLD_0861_PFAS | SW039 | 0861_SW039_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW039 | 0861_SW39_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.45 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_QC159_211022 | 22 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_QC259_211022 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_QC169_220328 | 28 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW039 | 0861_QC269_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW039 | 0861_SW039_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW040 | 0861_SW40_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | 0.11 | <0.02 | 0.09 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | 0.01 |
| QLD_0861_PFAS | SW040 | 0861_SW040_190506 | 06 May 2019 | Normal | EB1911952 | 0.04 | 0.04 | 0.29 | <0.02 | 0.30 | - | <0.02 | <0.1 | 0.04 | 0.08 | <0.02 | 0.02 |
| QLD_0861_PFAS | SW040 | 0861_SW040_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.04 | 0.04 | 0.30 | <0.02 | 0.34 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | 0.07 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.04 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.03 | 0.03 | 0.21 | <0.02 | 0.27 | - | <0.02 | <0.15 | 0.04 | 0.08 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | 0.05 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_220328 | 28 Mar 2022 | Normal | EB2209946 | 0.03 | 0.03 | 0.19 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | 0.14 | <0.02 | 0.21 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | 0.05 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | 0.11 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW040 | 0861_SW040_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | 0.02 | 0.01 | 0.07 | <0.01 | 0.14 | <0.01 | <0.01 | <0.05 | 0.01 | 0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW041 | 0861_QC108_171020 | 17 Oct 2017 | Field_D | EB1721894 | 0.768 | 0.498 | 4.51 | 0.315 | 7.10 | - | 0.013 | 0.10 | 0.434 | 1.21 | 0.240 | 0.304 |
| QLD_0861_PFAS | SW041 | 0861_SW041_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.799 | 0.573 | 4.54 | 0.279 | 6.20 | - | 0.012 | 0.13 | 0.459 | 1.30 | 0.221 | 0.266 |
| QLD_0861_PFAS | SW041 | 0861_QC208_171020 | 20 Oct 2017 | Interlab_D | 178423 | 0.49 | 0.44 | 3.3 | 0.15 | 5.2 | - | <0.02 | 0.23 | 0.42 | 1.0 | 0.15 | 0.24 |
| QLD_0861_PFAS | SW041 | 0861-QC208-171020 | 20 Oct 2017 | Interlab_D | 178596 | 0.58 | 0.59 | 3.6 | 0.16 | 7.4 | - | 0.003 | 0.25 | 0.49 | 1.2 | 0.18 | 0.30 |
| QLD_0861_PFAS | SW041 | 0861_QC102_190508 | 08 May 2019 | Field_D | EB1911952 | 1.76 | 1.67 | 12.0 | 0.61 | 8.46 | - | <0.02 | 0.1 | 0.68 | 3.03 | 0.42 | 0.66 |
| QLD_0861_PFAS | SW041 | 0861_SW041_190508 | 08 May 2019 | Normal | EB1911952 | 1.73 | 1.70 | 12.8 | 0.58 | 9.18 | - | <0.02 | 0.3 | 0.66 | 2.80 | 0.39 | 0.66 |
| QLD_0861_PFAS | SW041 | 0861_SW041_191119 | 19 Nov 2019 | Normal | EB1931427 | 2.66 | 2.57 | 18.2 | 1.01 | 11.9 | - | <0.02 | 0.6 | 0.98 | 4.04 | 0.65 | 1.01 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 3.97 | 5.63 | 30.4 | 1.32 | 17.8 | - | <0.10 | 0.85 | 1.57 | 7.76 | 0.93 | 1.30 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_201015 | 15 Oct 2020 | Normal | EB2027176-AA | 3.74 | 3.35 | 24.4 | 1.22 | 13.4 | - | <0.10 | 0.96 | 1.40 | 5.86 | 0.86 | 1.26 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_210330 | 30 Mar 2021 | Normal | EB2108857 | 1.23 | 1.18 | 8.44 | 0.50 | 8.83 | - | <0.10 | <0.5 | 0.68 | 2.26 | 0.35 | 0.48 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.30 | 0.23 | 1.84 | 0.13 | 2.61 | - | <0.02 | <0.10 | 0.14 | 0.52 | 0.06 | 0.10 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.98 | 1.08 | 7.45 | 0.51 | 8.46 | - | <0.02 | 0.2 | 0.38 | 1.49 | 0.24 | 0.50 |
| QLD_0861_PFASOMP | SW041 | 0861_QC189_221020 | 20 Oct 2022 | Field_D | EB2231197 | 0.10 | 0.10 | 0.79 | 0.06 | 1.11 | - | <0.02 | <0.1 | 0.05 | 0.21 | 0.02 | 0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_QC289_221020 | 20 Oct 2022 | Interlab_D | RN1370747 | 0.062 | 0.061 | 0.52 | 0.02 | 0.67 | <0.01 | <0.01 | 0.1 | 0.033 | 0.11 | 0.014 | 0.032 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_221020 | 20 Oct 2022 | Normal | EB2231197 | 0.08 | 0.10 | 0.78 | 0.04 | 1.00 | - | <0.02 | <0.1 | 0.04 | 0.20 | 0.02 | 0.05 |
| QLD_0861_PFASOMP_23 | SW041 | 0861_SW041_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.98 | 1.18 | 8.04 | 0.55 | 8.88 | - | <0.04 | 0.3 | 0.40 | 1.47 | 0.25 | 0.45 |
| QLD_0861_PFASOMP_24 | SW041 | 0861_SW041_240412 | 12 Apr 2024 | Normal | EB2413910 | 0.67 | 0.67 | 5.20 | 0.28 | 5.41 | - | <0.02 | 0.2 | 0.32 | 1.12 | 0.16 | 0.25 |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | 1.1 | 1.0 | 9.1 | 0.50 | 6.5 | <0.01 | <0.01 | 0.28 | 0.36 | 1.8 | 0.22 | 0.45 |
| QLD_0861_PFAS | SW043 | 0861_SW43_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | 0.07 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_200428 | 28 Apr 2020 | Normal | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_QC127_201015 | 15 Oct 2020 | Field_D | EB2027176-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_QC227_201015 | 15 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_220404 | 04 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW043 | 0861_SW043_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | 0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW045 | 0861_SW45_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | 0.11 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | 0.01 |
| QLD_0861_PFAS | SW045 | 0861_SW045_190506 | 06 May 2019 | Normal | EB1911952 | 0.06 | 0.06 | 0.46 | 0.03 | 0.53 | - | <0.02 | <0.1 | 0.05 | 0.12 | 0.02 | 0.03 |
| QLD_0861_PFAS | SW045 | 0861_QC105_191120 | 20 Nov 2019 | Field_D | EB1931427 | 0.03 | 0.03 | 0.23 | <0.02 | 0.33 | - | <0.02 | <0.1 | 0.03 | 0.07 | <0.02 | 0.02 |
| QLD_0861_PFAS | SW045 | 0861_QC205_191120 | 20 Nov 2019 | Interlab_D | 232494 | 0.10 | 0.07 | 0.50 | 0.01 | 0.34 | - | <0.02 | 0.05 | 0.03 | 0.08 | 0.01 | 0.03 |
| QLD_0861_PFAS | SW045 | 0861_SW045_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.04 | 0.04 | 0.28 | <0.02 | 0.33 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 | 0.02 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_200414 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | 0.06 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | 0.04 | <0.02 | 0.10 | - | <0.02 | <0.10 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_220329 | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | 0.09 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | 0.07 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | 0.04 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | 0.06 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC104_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC204_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_SW045_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW047 | 0861_SW47_170602 | 02 Jun 2017 | Normal | EB1711373 | 0.72 | 0.53 | 3.59 | 0.15 | 1.88 | - | <0.02 | 0.2 | <0.02 | 1.51 | 0.35 | 0.43 |
| QLD_0861_PFAS | SW047 | 0861_SW047_190501 | 01 May 2019 | Normal | EB1911387 | 0.32 | 0.30 | 2.00 | 0.07 | 2.08 | - | <0.02 | 0.2 | 0.70 | 0.98 | 0.26 | 0.27 |
| QLD_0861_PFAS | SW047 | 0861_SW047_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.04 | 0.04 | 0.27 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.18 | 0.15 | 1.06 | 0.06 | 1.76 | - | <0.02 | 0.14 | 0.30 | 0.37 | 0.10 | 0.14 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_201013 | 13 Oct 2020 | Normal | EB2027172 | 0.49 | 0.43 | 2.53 | 0.09 | 1.90 | - | 0.03 | <0.80 | 1.22 | 1.56 | 0.48 | 0.32 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW047 | 0861_SW047_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW048 | 0861_QC103_170918 | 18 Sep 2017 | Field_D | EB1719278 | 0.11 | 0.33 | 2.39 | 0.27 | 13.4 | - | 0.02 | 0.4 | 0.45 | 1.84 | 0.20 | 0.54 |
| QLD_0861_PFAS | SW048 | 0861_QC203_170918 | 18 Sep 2017 | Field_D | EB1719278 | 0.11 | 0.34 | 2.48 | 0.28 | 14.2 | - | <0.02 | 0.4 | 0.42 | 1.73 | 0.22 | 0.54 |
| QLD_0861_PFAS | SW048 | 0861_SW048_170918 | 18 Sep 2017 | Normal | EB1719278 | 0.11 | 0.36 | 2.58 | 0.28 | 14.9 | - | 0.02 | 0.4 | 0.47 | 1.78 | 0.24 | 0.55 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.03 | 0.02 | 0.12 | <0.02 | 0.38 | - | <0.02 | <0.1 | 0.02 | 0.14 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_221019 | 21 Oct 2022 | Normal | EB2231197 | <0.03 | 0.02 | 0.16 | <0.02 | 0.43 | - | <0.02 | <0.1 | 0.02 | 0.08 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_230427 | 27 Apr 2023 | Normal | EB2312761-AA | 0.10 | 0.11 | 0.96 | 0.08 | 2.66 | - | <0.02 | <0.1 | 0.09 | 0.29 | 0.05 | 0.10 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.14 | 0.08 | 0.54 | 0.04 | 2.42 | - | <0.02 | <0.1 | 0.08 | 0.34 | 0.14 | 0.18 |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | 0.08 | 0.08 | 0.57 | 0.03 | 0.95 | <0.01 | <0.01 | 0.08 | 0.06 | 0.58 | 0.08 | 0.15 |
| QLD_0861_PFAS | SW049 | 0861_SW049_170914 | 14 Sep 2017 | Normal | EB1719065 | 0.21 | 0.15 | 1.09 | 0.06 | 2.33 | - | <0.02 | 0.1 | 0.18 | 0.42 | 0.06 | 0.15 |
| QLD_0861_PFAS | SW049 | 0861_SW049_190510 | 10 May 2019 | Normal | EB1911952 | 1.16 | 0.94 | 6.06 | 0.30 | 5.22 | - | <0.02 | 1.0 | 1.04 | 2.49 | 0.40 | 0.87 |
| QLD_0861_PFASOMP | SW049 | 0861_QC108_200420 | 20 Apr 2020 | Field_D | EB2011246-AC | 0.44 | 0.2 | 1.41 | 0.08 | 2.52 | - | <0.02 | 0.3 | 0.38 | 0.73 | 0.11 | 0.23 |
| QLD_0861_PFASOMP | SW049 | 0861_QC208_200420 | 20 Apr 2020 | Interlab_D | RN1274652 | 0.3 | 0.2 | 0.89 | 0.047 | 1.3 | <0.01 | <0.01 | 0.35 | 0.28 | 0.59 | 0.09 | 0.19 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_200420 | 20 Apr 2020 | Normal | EB2011246-AC | 0.31 | 0.22 | 1.29 | 0.08 | 2.28 | - | <0.02 | <0.3 | <0.28 | 0.69 | 0.11 | 0.22 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_201013 | 13 Oct 2020 | Normal | EB2027176-AA | 0.70 | 0.46 | 2.80 | 0.14 | 4.30 | - | <0.05 | 0.30 | 0.57 | 1.44 | 0.24 | 0.48 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_210413 | 13 Apr 2021 | Normal | EB2111121 | 0.34 | 0.35 | 1.89 | 0.09 | 2.73 | - | <0.02 | 0.3 | 0.37 | 0.73 | 0.15 | 0.30 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_211020 | 20 Oct 2021 | Normal | EB2130835 | 0.35 | 0.23 | 2.07 | 0.11 | 2.40 | - | <0.02 | 0.4 | 0.32 | 0.90 | 0.13 | 0.30 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_220331 | 31 Mar 2022 | Normal | EB2209950 | 0.03 | 0.02 | 0.17 | <0.02 | 0.64 | - | <0.02 | <0.1 | 0.02 | 0.06 | <0.02 | 0.03 |
| QLD_0861_PFASOMP | SW049 | 0861_QC187_221019 | 19 Oct 2022 | Field_D | EB2231197 | 0.03 | <0.02 | 0.17 | <0.02 | 0.46 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW049 | 0861_QC287_221019 | 19 Oct 2022 | Field_D | EB2231197 | 0.03 | <0.02 | 0.17 | <0.02 | 0.44 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_221019 | 19 Oct 2022 | Normal | EB2231197 | 0.03 | <0.02 | 0.19 | <0.02 | 0.47 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 0.09 | 0.07 | 0.44 | 0.03 | 1.06 | - | <0.02 | <0.1 | 0.07 | 0.19 | 0.03 | 0.07 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_231023 | 28 Oct 2023 | Normal | EB2333894-AA | 0.14 | 0.10 | 0.69 | 0.04 | 1.12 | <0.02 | <0.02 | 0.2 | 0.11 | 0.23 | 0.04 | 0.11 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC102_240410 | 10 Apr 2024 | Field_D | EB2413950 | 0.08 | 0.05 | 0.30 | <0.02 | 0.92 | - | <0.02 | <0.1 | 0.05 | 0.12 | <0.02 | 0.04 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC202_240410 | 10 Apr 2024 | Interlab_D | RN1427801 | 0.051 | 0.025 | 0.28 | <0.01 | 0.75 | <0.01 | <0.01 | 0.077 | 0.049 | 0.092 | <0.01 | 0.021 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_SW049_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.07 | 0.04 | 0.29 | <0.02 | 1.00 | - | <0.02 | <0.1 | 0.06 | 0.12 | <0.02 | 0.04 |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | 0.09 | 0.06 | 0.38 | 0.03 | 0.80 | <0.01 | <0.01 | 0.08 | 0.08 | 0.18 | 0.03 | 0.06 |
| QLD_0861_PFAS | SW050 | 0861_SW50_170530 | 30 May 2017 | Normal | ES1713428 | 0.044 | 0.027 | 0.127 | 0.006 | 0.103 | - | <0.002 | <0.01 | 0.012 | 0.026 | 0.006 | 0.009 |
| QLD_0861_PFAS | SW050 | 0861_SW050_190501 | 01 May 2019 | Normal | EB1911387 | 0.02 | 0.02 | 0.16 | <0.03 | 0.13 | - | <0.02 | <0.1 | 0.06 | 0.07 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW050 | 0861_SW050_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.06 | 0.05 | 0.38 | <0.02 | 0.72 | - | <0.02 | <0.1 | 0.10 | 0.21 | 0.07 | 0.04 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.06 | 0.06 | 0.41 | <0.02 | 0.62 | - | <0.02 | <0.1 | <0.20 | 0.22 | 0.05 | 0.04 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | 0.12 | <0.05 | 0.28 | - | <0.05 | <0.25 | 0.14 | 0.08 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_230511 | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | 0.11 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.02 | 0.02 | 0.12 | <0.02 | 0.39 | - | <0.02 | <0.1 | 0.03 | 0.04 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_24 | SW050 | 0861_SW050_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | 0.01 | 0.01 | 0.08 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW051 | 0861_SW51_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | 0.05 | 0.33 | <0.02 | 0.33 | - | <0.02 | <0.1 | <0.02 | 0.09 | 0.02 | 0.03 |
| QLD_0861_PFAS | SW051 | 0861_SW051_190501 | 01 May 2019 | Normal | EB1911387 | 0.07 | 0.07 | 0.51 | <0.02 | 0.49 | - | <0.02 | <0.1 | 0.19 | 0.25 | 0.05 | 0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.06 | 0.05 | 0.38 | <0.02 | 0.69 | - | <0.02 | <0.1 | 0.09 | 0.20 | 0.07 | 0.04 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.03 | <0.02 | 0.08 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | 0.23 | <0.02 | 0.28 | - | <0.02 | <0.10 | 0.03 | 0.06 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_201014 | 14 Oct 2020 | Normal | EB2027176-AA | 0.02 | <0.02 | 0.16 | <0.02 | 0.29 | - | <0.02 | <0.10 | 0.14 | 0.13 | 0.04 | 0.02 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.06 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_221020 | 20 Oct 2022 | Normal | EB2231197 | 0.03 | 0.02 | 0.16 | <0.02 | 0.17 | - | <0.02 | <0.1 | 0.02 | 0.06 | <0.02 | 0.01 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.04 | <0.02 | 0.09 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.02 | 0.03 | 0.17 | <0.02 | 0.37 | - | <0.02 | <0.1 | 0.04 | 0.06 | <0.02 | 0.03 |
| QLD_0861_PFASOMP_24 | SW051 | 0861_SW051_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | 0.01 | <0.01 | 0.09 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW052 | 0861_QC01_SW_170530 | 30 May 2017 | Field_D | ES1713428 | <0.002 | <0.002 | 0.002 | <0.002 | 0.003 | - | <0.002 | <0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| QLD_0861_PFAS | SW052 | 0861_QC02_SW_170530 | 30 May 2017 | Interlab_D | 168440 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | - | <0.002 | 0.005 | <0.002 | 0.001 | <0.001 | <0.001 |
| QLD_0861_PFAS | SW052 | 0861_SW52_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | 0.002 | <0.002 | 0.003 | - | <0.002 | <0.01 | <0.002 | 0.002 | <0.002 | <0.002 |
| QLD_0861_PFAS | SW052 | 0861_SW052_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW052 | 0861_SW052_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | 0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW052 | 0861_SW052_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | 0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW052 | 0861_SW052_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW053 | 0861_SW053_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.201 | 0.171 | 2.15 | 0.090 | 3.14 | - | <0.002 | 0.01 | 0.046 | 0.358 | 0.036 | 0.056 |
| QLD_0861_PFAS | SW053 | SW053_191203 | 03 Dec 2019 | Normal | EB1932627 | 0.03 | 0.04 | 0.40 | <0.02 | 0.42 | - | <0.02 | <0.1 | 0.03 | 0.08 | <0.02 | 0.02 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.02 | <0.02 | 0.06 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.06 | 0.06 | 0.52 | <0.02 | 0.49 | - | <0.02 | <0.1 | 0.02 | 0.11 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | 0.11 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | 0.02 | 0.18 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.05 | 0.04 | 0.41 | 0.02 | 1.10 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_24 | SW053 | 0861_SW053_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.13 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | 0.06 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW056 | 0861_SW056_170914 | 14 Sep 2017 | Normal | EB1719065 | 0.23 | 0.20 | 1.82 | 0.10 | 3.95 | - | <0.02 | <0.1 | 0.08 | 0.46 | 0.05 | 0.14 |
| QLD_0861_PFAS | SW056 | 0861_SW056_190401 | 01 May 2019 | Normal | EB1911387 | 0.11 | 0.10 | 0.81 | 0.02 | 1.11 | - | <0.02 | <0.1 | 0.19 | 0.32 | 0.08 | 0.09 |
| QLD_0861_PFAS | SW056 | 0861_QC101_191118 | 18 Nov 2019 | Field_D | EB1931427 | 0.19 | 0.15 | 1.28 | 0.06 | 2.66 | - | <0.02 | 0.1 | 0.06 | 0.37 | 0.05 | 0.09 |
| QLD_0861_PFAS | SW056 | 0861_QC202_191118 | 18 Nov 2019 | Interlab_D | 231783 | 0.19 | 0.16 | 1.4 | 0.06 | 2.8 | - | <0.02 | 0.1 | 0.2 | 0.34 | 0.06 | 0.08 |
| QLD_0861_PFAS | SW056 | 0861_SW056_191118 | 19 Nov 2019 | Normal | EB1931427 | 0.20 | 0.15 | 1.30 | 0.06 | 2.92 | - | <0.02 | 0.1 | 0.06 | 0.38 | 0.05 | 0.09 |
| QLD_0861_PFAS | SW056 | 0861_QC102_191118 | 21 Nov 2019 | Field_D | EB1931427 | 0.21 | 0.15 | 1.31 | 0.06 | 2.68 | - | <0.02 | <0.1 | 0.06 | 0.37 | 0.06 | 0.09 |
| QLD_0861_PFASOMP | SW056 | 0861_QC104_200415 | 15 Apr 2020 | Field_D | EB2010666-AE | 0.40 | 0.28 | 2.27 | 0.11 | 2.32 | - | <0.02 | 0.30 | 0.63 | 0.79 | 0.22 | 0.23 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | 0.32 | 0.27 | 2.3 | 0.063 | 1.6 | <0.01 | <0.01 | 0.24 | 0.54 | 0.76 | 0.16 | 0.16 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | 0.32 | 0.27 | 2.3 | 0.063 | 1.6 | <0.01 | <0.01 | 0.24 | 0.54 | 0.76 | 0.16 | 0.16 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.35 | 0.32 | 2.80 | 0.08 | 1.52 | - | <0.02 | 0.30 | 0.58 | 0.96 | 0.24 | 0.20 |
| QLD_0861_PFASOMP | SW056 | 0861_QC131_201019 | 19 Oct 2020 | Field_D | EB2027539 | 0.14 | 0.13 | 1.21 | 0.06 | 2.51 | - | <0.02 | 0.1 | 0.12 | 0.31 | 0.05 | 0.09 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW056 | 0861_QC231_201019 | 19 Oct 2020 | Interlab_D | RN1292508 | 0.14 | 0.11 | 1.1 | 0.039 | 2.4 | <0.01 | <0.01 | 0.087 | 0.12 | 0.28 | 0.046 | 0.082 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_201019 | 19 Oct 2020 | Normal | EB2027539 | 0.15 | 0.13 | 1.13 | 0.05 | 2.72 | - | <0.02 | 0.1 | 0.13 | 0.32 | 0.05 | 0.10 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.25 | 0.24 | 1.61 | 0.05 | 1.02 | - | <0.02 | 0.3 | 0.77 | 0.83 | 0.18 | 0.18 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.29 | 0.24 | 1.43 | 0.06 | 1.13 | - | <0.02 | 0.27 | 0.52 | 0.79 | 0.14 | 0.15 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.66 | 0.58 | 2.99 | 0.15 | 2.82 | - | <0.02 | 0.2 | 0.64 | 1.40 | 0.29 | 0.43 |
| QLD_0861_PFASOMP | SW056 | 0861_QC191_221021 | 21 Oct 2022 | Field_D | EB2231197 | 0.34 | 0.35 | 2.51 | 0.10 | 2.34 | - | <0.02 | 0.1 | 0.32 | 0.89 | 0.18 | 0.20 |
| QLD_0861_PFASOMP | SW056 | 0861_QC291_221021 | 21 Oct 2022 | Interlab_D | RN1370747 | 0.22 | 0.19 | 1.6 | 0.04 | 1.4 | <0.01 | <0.01 | 0.093 | 0.21 | 0.45 | 0.096 | 0.11 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.35 | 0.36 | 2.69 | 0.10 | 2.31 | - | <0.02 | 0.1 | 0.32 | 0.88 | 0.18 | 0.20 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.17 | 0.14 | 0.80 | 0.04 | 1.40 | - | <0.02 | <0.1 | 0.16 | 0.27 | 0.06 | 0.08 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.79 | 0.69 | 3.34 | 0.18 | 4.43 | - | <0.02 | 0.3 | 0.78 | 1.18 | 0.46 | 0.48 |
| QLD_0861_PFASOMP_24 | SW056 | 0861_SW056_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.14 | 0.13 | 0.90 | 0.04 | 1.29 | - | <0.02 | 0.1 | 0.24 | 0.34 | 0.08 | 0.10 |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | 0.09 | 0.08 | 0.64 | 0.04 | 1.6 | <0.01 | <0.01 | <0.05 | 0.08 | 0.20 | 0.03 | 0.05 |
| QLD_0861_PFAS | SW059 | 0861_SW059_0_170913 | 13 Sep 2017 | Normal | EB1719017 | 0.052 | 0.066 | 0.459 | 0.018 | 0.874 | - | <0.002 | 0.11 | 0.288 | 0.418 | 0.088 | 0.098 |
| QLD_0861_PFAS | SW059 | 0861_SW059_190429 | 29 Apr 2019 | Normal | EB1911387 | 1.56 | 1.60 | 9.31 | 0.45 | 8.15 | - | <0.02 | 0.6 | 1.53 | 3.99 | 0.78 | 1.42 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_201103 | 03 Nov 2020 | Normal | EB2028860 | 1.31 | 0.99 | 5.38 | 0.33 | 10.4 | - | 0.07 | 0.7 | 1.10 | 2.68 | 0.49 | 0.82 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_210330 | 30 Mar 2021 | Normal | EB2108857 | 4.00 | 4.03 | 21.3 | 0.69 | 9.38 | - | <0.10 | 3.0 | 9.12 | 14.6 | 2.79 | 3.62 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_211026 | 26 Oct 2021 | Normal | EB2130850 | 1.05 | 0.72 | 4.03 | 0.25 | 6.05 | - | <0.02 | 0.79 | 1.70 | 2.27 | 0.43 | 0.59 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.13 | 0.11 | 0.66 | 0.03 | 0.92 | - | <0.02 | <0.1 | 0.15 | 0.23 | 0.06 | 0.07 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.52 | 0.52 | 3.27 | 0.20 | 5.41 | - | <0.02 | 0.2 | 0.58 | 1.41 | 0.24 | 0.55 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC101_230417 | 17 Apr 2023 | Field_D | EB2312062-AA | 0.39 | 0.39 | 2.19 | 0.10 | 2.59 | - | <0.02 | 0.3 | 0.62 | 0.86 | 0.18 | 0.22 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC201_230417 | 17 Apr 2023 | Interlab_D | RN1393124 | 0.35 | 0.28 | 1.8 | 0.052 | 2 | <0.01 | <0.01 | 0.27 | 0.45 | 0.67 | 0.15 | 0.15 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 0.44 | 0.38 | 2.28 | 0.10 | 2.66 | - | <0.02 | 0.3 | 0.68 | 0.89 | 0.16 | 0.23 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.88 | 0.59 | 3.12 | 0.15 | 4.20 | - | <0.02 | 0.2 | 0.43 | 0.89 | 0.30 | 0.49 |
| QLD_0861_PFASOMP_24 | SW059 | 0861_SW059_240409 | 09 Apr 2024 | Normal | EB2413910 | 1.07 | 1.08 | 6.10 | 0.28 | 8.67 | - | <0.02 | 0.9 | 2.24 | 2.93 | 0.75 | 1.00 |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | 0.56 | 0.55 | 3.0 | 0.14 | 4.3 | 0.02 | 0.03 | 0.22 | 0.47 | 1.2 | 0.21 | 0.36 |
| QLD_0861_PFAS | SW064 | 0861_SW064_171019 | 19 Oct 2017 | Normal | EB1721835 | 0.634 | 0.349 | 1.84 | 0.040 | 1.43 | - | <0.002 | 0.03 | 0.167 | 0.385 | 0.050 | 0.048 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_210419 | 19 Apr 2021 | Normal | EB2111121 | 0.32 | 0.19 | 0.84 | 0.03 | 0.87 | - | <0.02 | 0.2 | 0.14 | 0.27 | 0.02 | 0.04 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.29 | 0.13 | 0.79 | 0.03 | 0.71 | - | <0.02 | 0.11 | 0.10 | 0.26 | 0.02 | 0.04 |
| QLD_0861_PFASOMP | SW064 | 0861_QC180_220406 | 06 Apr 2022 | Field_D | EB2209942 | 0.24 | 0.15 | 0.72 | 0.03 | 0.75 | - | <0.02 | <0.1 | 0.08 | 0.18 | <0.02 | 0.04 |
| QLD_0861_PFASOMP | SW064 | 0861_QC280_220406 | 06 Apr 2022 | Interlab_D | RN1349008 | 0.14 | 0.097 | 0.55 | 0.013 | 0.6 | <0.01 | <0.01 | 0.069 | 0.054 | 0.12 | 0.015 | 0.024 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_220406 | 06 Apr 2022 | Normal | EB2209951 | 0.20 | 0.14 | 0.74 | <0.02 | 0.87 | - | <0.02 | <0.1 | <0.10 | 0.19 | 0.03 | 0.04 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.04 | 0.02 | 0.24 | <0.02 | 0.49 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 0.18 | 0.12 | 0.62 | 0.02 | 0.65 | - | <0.02 | <0.1 | <0.04 | 0.11 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.42 | 0.20 | 0.83 | 0.04 | 0.95 | - | <0.02 | <0.1 | 0.10 | 0.16 | 0.02 | 0.04 |
| QLD_0861_PFASOMP_24 | SW064 | 0861_SW064_240418 | 18 Apr 2024 | Normal | EB2413910 | 0.51 | 0.32 | 1.29 | <0.03 | 1.44 | - | <0.02 | 0.3 | 0.23 | 0.45 | 0.04 | 0.06 |
| QLD_0861_PFAS | SW067 | 0861_SW067_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.108 | 0.098 | 1.10 | 0.051 | 1.42 | - | <0.002 | <0.01 | 0.111 | 0.366 | 0.152 | 0.127 |
| QLD_0861_PFAS | SW067 | SW067_191203 | 03 Dec 2019 | Normal | EB1932627 | 4.03 | 3.63 | 24.2 | 0.96 | 26.6 | - | <0.25 | <1.2 | 1.73 | 5.93 | 0.44 | 0.44 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 3.61 | 2.74 | 15.3 | 0.61 | 14.3 | - | <0.03 | 0.6 | 1.72 | 3.45 | 0.3 | 0.48 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_201021 | 21 Oct 2020 | Normal | EB2027539 | 6.52 | 5.75 | 38.4 | 0.85 | 20.6 | - | <0.05 | 2.2 | 2.93 | 10.2 | 0.57 | 0.79 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_210419 | 19 Apr 2021 | Normal | EB2111121 | 2.63 | 2.46 | 15.6 | 0.88 | 17.3 | - | 0.07 | 1.6 | 1.93 | 3.35 | 0.36 | 0.54 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_211025 | 25 Oct 2021 | Normal | EB2130835 | 1.70 | 1.48 | 10.1 | 0.31 | 9.39 | - | <0.05 | 3.0 | 3.78 | 4.67 | 0.48 | 0.55 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.52 | 0.47 | 3.48 | 0.13 | 4.24 | - | <0.02 | 0.5 | 0.55 | 0.94 | 0.13 | 0.20 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 6.04 | 5.02 | 27.6 | 0.82 | 12.5 | - | <0.05 | 3.6 | 4.03 | 6.23 | 0.51 | 0.56 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.96 | 1.17 | 5.88 | 0.21 | 6.41 | - | <0.04 | 1.2 | 1.89 | 1.97 | 0.20 | 0.27 |
| QLD_0861_PFAS | SW076 | 0861_SW076_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | 1.92 | 1.97 | 8.58 | 0.178 | 25.9 | - | <0.002 | 0.24 | 1.61 | 4.68 | 0.902 | 1.29 |
| QLD_0861_PFAS | SW076 | 0861_SW076_190501 | 01 May 2019 | Normal | EB1911387 | 0.37 | 0.38 | 2.66 | 0.11 | 2.79 | - | <0.02 | 0.2 | 0.75 | 1.07 | 0.27 | 0.37 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.48 | 0.42 | 2.17 | 0.09 | 2.27 | - | <0.02 | <0.5 | <1.12 | 1.20 | 0.36 | 0.29 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_201110 | 10 Nov 2020 | Normal | EB2029508 | 0.26 | 0.21 | 1.40 | 0.09 | 3.68 | - | 0.03 | 0.2 | 0.37 | 0.56 | 0.19 | 0.25 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.49 | 0.45 | 2.74 | 0.10 | 1.98 | - | <0.10 | 0.6 | 1.80 | 1.60 | 0.38 | 0.32 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.41 | 0.30 | 1.83 | 0.10 | 2.07 | - | <0.02 | 0.26 | 0.61 | 0.95 | 0.18 | 0.20 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.83 | 0.75 | 3.72 | 0.19 | 3.64 | - | <0.02 | 0.3 | 0.96 | 1.78 | 0.41 | 0.60 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC103_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | 0.45 | 0.34 | 1.76 | 0.09 | 1.98 | - | <0.02 | 0.2 | 0.50 | 0.81 | 0.17 | 0.26 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC203_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | 0.3 | 0.27 | 1.8 | 0.059 | 1.5 | <0.01 | <0.01 | 0.21 | 0.41 | 0.64 | 0.15 | 0.18 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.39 | 0.34 | 1.83 | 0.10 | 1.93 | - | <0.02 | 0.2 | 0.46 | 0.78 | 0.18 | 0.24 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.70 | 0.60 | 3.10 | 0.16 | 3.41 | - | <0.02 | 0.3 | 0.66 | 0.99 | 0.38 | 0.47 |
| QLD_0861_PFASOMP_24 | SW076 | 0861_SW076_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.56 | 0.52 | 3.38 | 0.17 | 4.73 | - | <0.02 | 0.4 | 0.99 | 1.34 | 0.32 | 0.40 |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | 1.0 | 0.92 | 5.9 | 0.26 | 5.4 | <0.01 | <0.01 | 0.44 | 1.3 | 1.9 | 0.43 | 0.54 |
| QLD_0861_PFAS | SW079 | 0861_SW079_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.916 | 0.676 | 5.96 | 0.423 | 8.62 | - | 0.030 | 0.05 | 0.544 | 1.58 | 0.288 | 0.384 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 4.38 | 5.26 | 34.3 | 1.58 | 15.9 | - | <0.06 | 0.4 | 1.2 | 6.63 | 0.97 | 1.54 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_201021 | 21 Oct 2020 | Normal | EB2027539 | 3.93 | 3.66 | 28.5 | 1.29 | 18.2 | - | 0.08 | 0.6 | 1.13 | 6.03 | 0.87 | 1.42 |
| QLD_0861_PFASOMP | SW079 | 0861_QC145_210419 | 19 Apr 2021 | Field_D | EB2111121 | 1.81 | 2.68 | 13.2 | 0.76 | 10.1 | - | <0.02 | 0.4 | 0.93 | 3.24 | 0.54 | 0.85 |
| QLD_0861_PFASOMP | SW079 | 0861_QC245_210419 | 19 Apr 2021 | Interlab_D | RN1313031 | 1.7 | 1.5 | 10 | 0.49 | 6.3 | <0.01 | <0.01 | 0.42 | 0.73 | 2.2 | 0.41 | 0.6 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_210419 | 19 Apr 2021 | Normal | EB2111121 | 1.90 | 3.26 | 13.7 | 1.02 | 12.8 | - | 0.10 | 0.4 | 1.06 | 3.59 | 0.60 | 0.89 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.06 | 0.05 | 0.32 | <0.02 | 0.41 | - | <0.02 | <0.1 | 0.04 | 0.15 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_220406 | 06 Apr 2022 | Normal | EB2209951 | 1.23 | 1.33 | 8.57 | 0.46 | 7.01 | - | <0.02 | <0.3 | 0.55 | 1.94 | 0.31 | 0.51 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.08 | 0.08 | 0.74 | 0.03 | 1.02 | - | <0.02 | <0.1 | 0.05 | 0.16 | <0.02 | 0.03 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 1.09 | 1.15 | 8.47 | 0.48 | 8.34 | - | <0.02 | 0.2 | 0.51 | 1.70 | 0.27 | 0.43 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | 0.05 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW079 | 0861_SW079_240418 | 18 Apr 2024 | Normal | EB2413910 | 1.00 | 1.13 | 8.35 | 0.41 | 7.47 | - | <0.02 | 0.3 | 0.52 | 1.90 | 0.25 | 0.45 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | 1.9 | 1.8 | 11 | 0.61 | 11 | <0.01 | <0.01 | 0.35 | 0.39 | 2.7 | 0.30 | 0.62 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | 1.7 | 2.0 | 14 | 0.90 | 14 | - | <0.02 | 0.36 | 0.69 | 2.8 | 0.43 | 0.74 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | 1.4 | 1.4 | 13 | 0.72 | 10 | <0.01 | <0.01 | 0.36 | 0.44 | 2.5 | 0.30 | 0.61 |
| QLD_0861_PFAS | SW080 | 0861_SW080_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.630 | 0.535 | 4.18 | 0.188 | 4.28 | - | 0.007 | 0.10 | 0.241 | 0.980 | 0.124 | 0.148 |
| QLD_0861_PFAS | SW080 | 0861_SW080_190513 | 13 May 2019 | Normal | EB1912390 | 3.03 | 3.21 | 22.4 | 1.38 | 18.4 | - | <0.02 | 0.6 | 0.99 | 5.02 | 0.67 | 1.16 |
| QLD_0861_PFAS | SW080 | 0861_QC203_191203 | 03 Dec 2019 | Interlab_D | 232657 | 1.1 | 0.97 | 7.9 | 0.49 | 9.0 | - | <0.02 | 0.22 | 0.41 | 1.6 | 0.26 | 0.42 |
| QLD_0861_PFAS | SW080 | QC103_191203 | 03 Dec 2019 | Field_D | EB1932627 | 0.90 | 1.01 | 6.71 | 0.46 | 8.82 | - | <0.02 | 0.2 | 0.33 | 1.63 | 0.21 | 0.38 |
| QLD_0861_PFAS | SW080 | SW080_191203 | 03 Dec 2019 | Normal | EB1932627 | 0.72 | 0.74 | 5.79 | 0.37 | 8.43 | - | <0.25 | <1.2 | <0.25 | 0.97 | <0.25 | <0.25 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 3.99 | 4.78 | 31.7 | 1.7 | 19.8 | - | <0.06 | 0.3 | 1.03 | 5.77 | 0.83 | 1.38 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_201021 | 21 Oct 2020 | Normal | EB2027539 | 2.84 | 2.84 | 21.2 | 1.03 | 13.6 | - | <0.04 | 0.5 | 0.81 | 4.47 | 0.62 | 1.07 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_210419 | 19 Apr 2021 | Normal | EB2111121 | 3.46 | 3.62 | 26.0 | 1.60 | 29.9 | - | <0.05 | 0.8 | 1.44 | 6.20 | 0.88 | 1.50 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.19 | 0.17 | 1.85 | 0.11 | 3.12 | - | <0.02 | <0.10 | 0.11 | 0.41 | 0.05 | 0.09 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_220406 | 06 Apr 2022 | Normal | EB2209951 | 2.54 | 3.15 | 19.8 | 1.21 | 16.8 | - | <0.02 | 0.5 | 1.06 | 4.14 | 0.63 | 1.19 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.10 | <0.10 | 0.76 | <0.10 | 1.22 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 2.62 | 2.98 | 22.0 | 1.32 | 23.9 | - | <0.05 | 0.5 | 1.16 | 4.24 | 0.69 | 1.13 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.31 | 0.25 | 1.74 | 0.14 | 3.45 | - | <0.02 | <0.1 | 0.18 | 0.34 | 0.07 | 0.14 |
| QLD_0861_PFASOMP_24 | SW080 | 0861_SW080_240418 | 18 Apr 2024 | Normal | EB2413910 | 2.97 | 3.29 | 24.8 | 1.32 | 27.8 | - | <0.11 | <0.5 | 1.29 | 4.99 | 0.66 | 1.26 |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | 1.4 | 1.4 | 11 | 0.69 | 13 | <0.01 | <0.01 | 0.29 | 0.39 | 2.3 | 0.27 | 0.60 |
| QLD_0861_PFAS | SW088 | 0861_SW088_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.40 | <0.30 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_QC175_220331 | 31 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_QC275_220331 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW088 | 0861_SW088_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW089 | 0861_SW089_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW089 | 0861_SW089_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW089 | 0861_SW089_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW090 | 0861_SW090_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW090 | 0861_QC101_190510 | 10 May 2019 | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW090 | 0861_QC201_190510 | 10 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW090 | 0861_SW90_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.20 | <0.02 | <0.02 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_211021 | 21 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_QC112_230522 | 22 May 2023 | Field_D | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW090 | 0861_SW090_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW091 | 0861_SW091_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_211021 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW091 | 0861_SW091_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW091 | 0861_SW091_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW094 | 0861_SW094_170915 | 15 Sep 2017 | Normal | EB1719132 | 0.10 | 0.10 | 0.56 | <0.02 | 0.39 | - | <0.02 | <0.1 | <0.02 | 0.24 | 0.05 | 0.07 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.11 | 0.10 | 0.90 | 0.03 | 0.98 | - | <0.02 | 0.12 | 0.18 | 0.31 | 0.08 | 0.09 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | 0.06 | <0.02 | 0.10 | - | <0.02 | <0.10 | 0.03 | 0.03 | 0.02 | 0.01 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_210414 | 14 Apr 2021 | Normal | EB2111121 | 0.11 | 0.12 | 0.65 | 0.03 | 0.82 | - | <0.02 | 0.2 | 0.36 | 0.30 | 0.11 | 0.10 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_211022 | 22 Oct 2021 | Normal | EB2130835 | 0.02 | <0.02 | 0.12 | <0.02 | 0.21 | - | <0.02 | <0.1 | 0.03 | 0.05 | <0.02 | 0.01 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_220401 | 01 Apr 2022 | Normal | EB2209950 | 0.19 | 0.18 | 1.03 | 0.05 | 1.24 | - | <0.02 | <0.1 | 0.23 | 0.40 | 0.10 | 0.12 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | 0.08 | <0.02 | 0.13 | - | <0.02 | <0.1 | 0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | 0.05 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW094 | 0861_SW094_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | 0.09 | 0.06 | 0.45 | 0.03 | 1.1 | <0.01 | <0.01 | 0.07 | 0.13 | 0.16 | 0.06 | 0.06 |
| QLD_0861_PFAS | SW098 | 0861_SW098_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW098 | 0861_SW098_190506 | 06 May 2019 | Normal | EB1911952 | <0.02 | 0.03 | 0.27 | <0.02 | 0.32 | - | <0.02 | <0.1 | 0.14 | 0.14 | 0.04 | 0.03 |
| QLD_0861_PFAS | SW098 | 0861_SW098_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.04 | 0.03 | 0.29 | <0.02 | 0.45 | - | <0.02 | <0.1 | 0.11 | 0.18 | 0.07 | 0.03 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | 0.02 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.04 | 0.04 | 0.30 | <0.02 | 0.42 | - | <0.02 | 0.12 | 0.15 | 0.16 | 0.05 | 0.04 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | 0.06 | <0.02 | 0.10 | - | <0.02 | <0.1 | 0.02 | 0.03 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.03 | 0.02 | 0.18 | <0.02 | 0.25 | - | <0.02 | <0.1 | 0.02 | 0.07 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC102_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.02 | <0.02 | 0.04 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC202_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | 0.033 | <0.01 | 0.077 | <0.01 | <0.01 | <0.05 | <0.02 | 0.011 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | 0.05 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_231026 | 26 Oct 2023 | Normal | EB2333898 | 0.03 | 0.03 | 0.20 | <0.02 | 0.34 | - | <0.02 | <0.2 | 0.05 | 0.06 | <0.02 | 0.02 |
| QLD_0861_PFASOMP_24 | SW098 | 0861_SW098_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | 0.01 | <0.01 | 0.08 | <0.01 | 0.17 | <0.01 | <0.01 | <0.05 | 0.03 | 0.04 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW099 | 0861_SW099_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | 0.05 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW099 | 0861_SW099_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW099 | 0861_SW099_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | 0.02 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_201015 | 15 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | 0.04 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW099 | 0861_SW099_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | | 0.56 |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | | 10 |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | |
| QLD_0861_PFAS | SW100 | 0861_SW100_170918 | 18 Sep 2017 | Normal | EB1719278 | <0.02 | <0.02 | 0.07 | <0.02 | 0.07 | - | <0.02 | <0.1 | 0.09 | 0.04 | <0.02 | 0.01 |
| QLD_0861_PFAS | SW100 | 0861_QC102_190507 | 07 May 2019 | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW100 | 0861_QC202_190507 | 07 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | 0.02 | <0.01 | 0.06 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW100 | 0861_SW100_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW100 | 0861_QC203_191127 | 27 Nov 2019 | Interlab_D | 232094-A | <0.01 | <0.01 | 0.02 | <0.01 | 0.07 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW100 | 0861_SW100_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFAS | SW100 | QC103_191127 | 27 Nov 2019 | Field_D | EB1934177 | <0.02 | <0.02 | <0.02 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_201016 | 16 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | 0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.02 | <0.02 | 0.02 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | 0.03 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_230419 | 19 Apr 2023 | Normal | EB2312062-AA | 0.04 | <0.02 | 0.14 | <0.02 | 0.14 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_231024 | 24 Oct 2023 | Normal | EB2333887-AB | <0.02 | <0.02 | 0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24 | SW100 | 0861_SW100_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | 0.02 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFAS | SW002 | 0861_SW002_190429 | 29 Apr 2019 | Normal | EB1911387 | **0.11** | **0.09** | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_200415 | 15 Apr 2020 | Normal | EB2010666-AE | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_201103 | 03 Nov 2020 | Normal | EB2028860 | **0.17** | **0.46** | **0.90** | **0.83** | **0.15** | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_210330 | 30 Mar 2021 | Normal | EB2108857 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_QC161_211025 | 25 Oct 2021 | Field_D | EB2130835 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_QC261_211025 | 25 Oct 2021 | Interlab_D | RN1333717 | **0.017** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_211025 | 25 Oct 2021 | Normal | EB2130835 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_220328 | 28 Mar 2022 | Normal | EB2209950 | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW002 | 0861_SW002_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | **0.03** | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | SW003 | RAAF AMB SW106 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_121011 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | E0861_SW106_130821 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 0861_SW03_170302 | 02 Mar 2017 | Normal | EB1704145 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW003 | 0861_SW003_190429 | 29 Apr 2019 | Normal | EB1911387 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_201103 | 03 Nov 2020 | Normal | EB2028860 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_QC168_220328 | 28 Mar 2022 | Field_D | EB2209942 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_QC268_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | **0.024** | <0.01 | **0.014** | **0.032** | **0.042** | **0.039** |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_220328 | 28 Mar 2022 | Normal | EB2209950 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW003 | 0861_SW003_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW04_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW004_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW004_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW004 | 0861_SW004_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW005 | 0861_SW05_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW005 | 0861_SW005_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW005 | 0861_SW005_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_QC182_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_QC282_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW005 | 0861_SW005_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | SW008 | RAAFAmb SW14 26/07/2012 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_121009 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_130116 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | E0861_SW14_130809 | 09 Aug 2013 | Normal | EB1319278 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_170302 | 02 Mar 2017 | Normal | EB1704145 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW008 | 0861_SW08_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_171013 | 13 Oct 2017 | Normal | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW008 | 0861_SW008_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_QC106_200417 | 17 Apr 2020 | Field_D | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_200417 | 17 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.09 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_210415 | 15 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_221026 | 26 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.13 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_230427 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW008 | 0861_SW008_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW009 | 0861_SW09_170531 | 31 May 2017 | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW009 | 0861_SW009_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW009 | 0861_SW009_191121 | 21 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW009 | 0861_SW009_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_Hist_202012-3 | SW011 | RAAF AMB SW01 | 06 Aug 2012 | Normal | EB1220568 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_121012 | 12 Oct 2012 | Normal | EB1226648 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | E0861_SW01_130822 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_170228 | 28 Feb 2017 | Normal | EB1703883 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW011 | 0861_SW011_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | **0.062** | **0.012** | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW011 | 0861_SW011_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_17 | 06 Oct 2017 | Normal | EB1720694 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW011 | 0861_SW011_190501 | 01 May 2019 | Normal | EB1911387 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_210330 | 30 Mar 2021 | Normal | EB2108857 | **0.05** | **0.02** | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW011 | 0861_SW011_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW015 | 0861_SW15_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW015 | 0861_SW015_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW015 | 0861_SW015_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW015 | 0861_SW015_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW016 | 0861_SW16_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW016_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW016_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_QC141_210412 | 12 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_QC241_210412 | 12 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW016 | 0861_SW016_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW018 | 0861_SW18_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW018 | 0861_SW018_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW018 | 0861_SW018_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW018 | 0861_SW018_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW018 | 0861_SW018_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW020 | 0861_SW20_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_200415 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC119_201012 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC219_201012 | 12 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC185_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC285_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC101_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC201_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_SW020_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW021 | 0861_SW021_170914 | 14 Sep 2017 | Normal | EB1719065 | 0.13 | 0.06 | 0.05 | <0.02 | <0.02 | <0.05 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_200420 | 20 Apr 2020 | Normal | EB2011246-AC | 0.11 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW021 | 0861_QC135_201103 | 03 Nov 2020 | Field_D | EB2028860 | 0.29 | 0.05 | 0.03 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.27 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.08 | 0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_211021 | 21 Oct 2021 | Normal | EB2130835 | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_220331 | 31 Mar 2022 | Normal | EB2209950 | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.10 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_24 | SW021 | 0861_SW021_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW025 | 0861_SW25_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_SW025_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_QC101_191119 | 19 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_SW025_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_QC201_191119 | 20 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW025 | 0861_SW25_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC102_200415 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC151_210421 | 21 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC251_210421 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_210421 | 21 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC105_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC205_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_SW025_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW026 | 0861_SW26_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_SW026_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_QC101_191127 | 27 Nov 2019 | Field_D | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_QC201_191127 | 27 Nov 2019 | Interlab_D | 232094 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW026 | 0861_SW026_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_200421 | 21 Apr 2020 | Normal | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_210416 | 16 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_211020 | 20 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_231024 | 24 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC103_240411 | 11 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC203_240411 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_SW026_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW027 | 0861_SW027_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW028 | 0861_SW28_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW028 | 0861_SW028_190502 | 02 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC100_200414 | 14 Apr 2020 | Field_D | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC153_211019 | 19 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC253_211019 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_230509 | 09 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_Stage2_23 | SW028 | 0861_SW028_230810 | 10 Aug 2023 | Normal | 1018693 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC100_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC200_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_SW028_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW030 | 0861_SW030_1904029 | 29 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_210330 | 30 Mar 2021 | Normal | EB2108857 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_211026 | 26 Oct 2021 | Normal | EB2130850 | **0.04** | **0.02** | <0.02 | **0.04** | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_230417 | 17 Apr 2023 | Normal | EB2312062-AA | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW030 | 0861_SW030_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW033 | 0861_SW033_170914 | 14 Sep 2017 | Normal | EB1719065 | **0.05** | **0.04** | **0.06** | **0.03** | <0.02 | <0.05 |
| QLD_0861_PFAS | SW033 | 0861_SW033_190503 | 03 May 2019 | Normal | EB1911387 | **0.18** | **0.10** | **0.04** | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_200427 | 27 Apr 2020 | Normal | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_210415 | 15 Apr 2021 | Normal | EB2111121 | **0.16** | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_211026 | 26 Oct 2021 | Normal | EB2130850 | **0.08** | **0.02** | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_220405 | 05 Apr 2022 | Normal | EB2209950 | **0.08** | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW033 | 0861_QC195_221025 | 25 Oct 2022 | Field_D | EB2231825 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_QC295_221025 | 25 Oct 2022 | Interlab_D | RN1371573 | **0.02** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_221025 | 25 Oct 2022 | Normal | EB2231825 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW033 | 0861_SW033_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFAS | SW034 | 0861_SW34_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW034 | 0861_SW034_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW034 | 0861_SW034_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW034 | 0861_SW034_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW036 | 0861_SW36_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW036 | 0861_SW036_180119 | 18 Jan 2018 | Normal | EB1802500 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW036 | 0861_SW036_190501 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC142_210414 | 14 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC242_210414 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC155_211020 | 20 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC255_211020 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC178_220401 | 01 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC278_220401 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW036 | 0861_SW036_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW037 | 0861_QC101_170913 | 13 Sep 2017 | Field_D | EB1719017 | **0.085** | **0.018** | **0.004** | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW037 | 0861_QC201_170914 | 13 Sep 2017 | Interlab_D | 175963 | **0.065** | **0.027** | **0.003** | <0.005 | <0.01 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_SW037_0_170913 | 13 Sep 2017 | Normal | EB1719017 | **0.087** | **0.023** | **0.006** | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW037 | 0861_QC101_190501 | 01 May 2019 | Field_D | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_QC201_190501 | 01 May 2019 | Interlab_D | 217104 | **0.01** | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW037 | 0861_SW037_190501 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_SW037_191119 | 19 Nov 2019 | Normal | EB1931427 | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_201015 | 14 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_QC139_210330 | 30 Mar 2021 | Field_D | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_QC239_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | **0.018** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_211026 | 26 Oct 2021 | Normal | EB2130850 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_231027 | 27 Oct 2023 | Normal | EB2333887-AA | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW037 | 0861_SW037_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW038 | 0861_SW038_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW038 | 0861_SW038_190513 | 13 May 2019 | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW038 | 0861_SW038_191126 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.02 | **0.05** | **0.10** | **0.06** | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_QC137_210330 | 30 Mar 2021 | Field_D | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_QC237_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW038 | 0861_SW038_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW039 | 0861_SW39_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW039 | 0861_SW039_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW039 | 0861_SW39_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC159_211022 | 22 Oct 2021 | Field_D | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC259_211022 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC169_220328 | 28 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW039 | 0861_QC269_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW039 | 0861_SW039_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW040 | 0861_SW40_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW040 | 0861_SW040_190506 | 06 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW040 | 0861_SW040_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW040 | 0861_SW040_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW041 | 0861_QC108_171020 | 17 Oct 2017 | Field_D | EB1721894 | **0.031** | **0.011** | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW041 | 0861_SW041_171020 | 17 Oct 2017 | Normal | EB1721894 | **0.026** | **0.009** | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW041 | 0861_QC208_171020 | 20 Oct 2017 | Interlab_D | 178423 | **0.02** | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW041 | 0861-QC208-171020 | 20 Oct 2017 | Interlab_D | 178596 | **0.020** | **0.01** | **0.004** | <0.005 | <0.01 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_QC102_190508 | 08 May 2019 | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_SW041_190508 | 08 May 2019 | Normal | EB1911952 | **0.03** | **0.02** | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_SW041_191119 | 19 Nov 2019 | Normal | EB1931427 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_201015 | 15 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_QC189_221020 | 20 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_QC289_221020 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW041 | 0861_SW041_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.10 |
| QLD_0861_PFASOMP_24 | SW041 | 0861_SW041_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW043 | 0861_SW43_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_200428 | 28 Apr 2020 | Normal | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_QC127_201015 | 15 Oct 2020 | Field_D | EB2027176-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_QC227_201015 | 15 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_220404 | 04 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW043 | 0861_SW043_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW045 | 0861_SW45_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_SW045_190506 | 06 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_QC105_191120 | 20 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_QC205_191120 | 20 Nov 2019 | Interlab_D | 232494 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW045 | 0861_SW045_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_200414 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_220329 | 29 Mar 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC104_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC204_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_SW045_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW047 | 0861_SW47_170602 | 02 Jun 2017 | Normal | EB1711373 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW047 | 0861_SW047_190501 | 01 May 2019 | Normal | EB1911387 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW047 | 0861_SW047_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_201013 | 13 Oct 2020 | Normal | EB2027172 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW047 | 0861_SW047_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW048 | 0861_QC103_170918 | 18 Sep 2017 | Field_D | EB1719278 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW048 | 0861_QC203_170918 | 18 Sep 2017 | Field_D | EB1719278 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW048 | 0861_SW048_170918 | 18 Sep 2017 | Normal | EB1719278 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_221019 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_230427 | 27 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_231027 | 27 Oct 2023 | Normal | EB2333887-AA | **0.04** | **0.03** | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | **0.11** | **0.07** | **0.08** | **0.03** | **0.01** | <0.01 |
| QLD_0861_PFAS | SW049 | 0861_SW049_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW049 | 0861_SW049_190510 | 10 May 2019 | Normal | EB1911952 | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC108_200420 | 20 Apr 2020 | Field_D | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC208_200420 | 20 Apr 2020 | Interlab_D | RN1274652 | **0.014** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC187_221019 | 19 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW049 | 0861_QC287_221019 | 19 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_231023 | 28 Oct 2023 | Normal | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC102_240410 | 10 Apr 2024 | Field_D | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC202_240410 | 10 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_SW049_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW050 | 0861_SW50_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW050 | 0861_SW050_190501 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW050 | 0861_SW050_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_230511 | 11 May 2023 | Normal | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW050 | 0861_SW050_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW051 | 0861_SW51_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_190501 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW051 | 0861_SW051_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW052 | 0861_QC01_SW_170530 | 30 May 2017 | Field_D | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW052 | 0861_QC02_SW_170530 | 30 May 2017 | Interlab_D | 168440 | <0.001 | <0.002 | <0.002 | <0.005 | <0.01 | <0.05 |
| QLD_0861_PFAS | SW052 | 0861_SW52_170530 | 30 May 2017 | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW052 | 0861_SW052_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW052 | 0861_SW052_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW052 | 0861_SW052_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW052 | 0861_SW052_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW053 | 0861_SW053_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.003 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW053 | SW053_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW053 | 0861_SW053_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW056 | 0861_SW056_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_SW056_190401 | 01 May 2019 | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC101_191118 | 18 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC202_191118 | 18 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW056 | 0861_SW056_191118 | 19 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC102_191118 | 21 Nov 2019 | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC104_200415 | 15 Apr 2020 | Field_D | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | 0.013 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | 0.013 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC131_201019 | 19 Oct 2020 | Field_D | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW056 | 0861_QC231_201019 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_201019 | 19 Oct 2020 | Normal | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC191_221021 | 21 Oct 2022 | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC291_221021 | 21 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW056 | 0861_SW056_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW059 | 0861_SW059_0_170913 | 13 Sep 2017 | Normal | EB1719017 | 0.010 | 0.004 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW059 | 0861_SW059_190429 | 29 Apr 2019 | Normal | EB1911387 | 0.05 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.06 | 0.03 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_210330 | 30 Mar 2021 | Normal | EB2108857 | 0.12 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC101_230417 | 17 Apr 2023 | Field_D | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC201_230417 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW059 | 0861_SW059_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | 0.03 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW064 | 0861_SW064_171019 | 19 Oct 2017 | Normal | EB1721835 | 0.006 | <0.002 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_QC180_220406 | 06 Apr 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_QC280_220406 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW064 | 0861_SW064_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW067 | 0861_SW067_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.043 | 0.043 | 0.018 | 0.018 | 0.005 | <0.005 |
| QLD_0861_PFAS | SW067 | SW067_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.25 | <0.25 | <0.25 | <1.26 | <0.25 | <0.62 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 0.04 | <0.03 | <0.03 | <0.03 | <0.03 | <0.08 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_201021 | 21 Oct 2020 | Normal | EB2027539 | 0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_210419 | 19 Apr 2021 | Normal | EB2111121 | 0.06 | 0.03 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.14 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.07 | 0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFAS | SW076 | 0861_SW076_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | 0.057 | 0.009 | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW076 | 0861_SW076_190501 | 01 May 2019 | Normal | EB1911387 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_201110 | 10 Nov 2020 | Normal | EB2029508 | 0.04 | 0.04 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC103_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC203_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | 0.011 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW076 | 0861_SW076_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.03 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW079 | 0861_SW079_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.034 | 0.013 | 0.002 | <0.002 | <0.002 | <0.005 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.11 |
| QLD_0861_PFASOMP | SW079 | 0861_QC145_210419 | 19 Apr 2021 | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_QC245_210419 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW079 | 0861_SW079_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | **0.02** | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW080 | 0861_SW080_171020 | 17 Oct 2017 | Normal | EB1721894 | **0.010** | **0.004** | <0.002 | <0.002 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW080 | 0861_SW080_190513 | 13 May 2019 | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW080 | 0861_QC203_191203 | 03 Dec 2019 | Interlab_D | 232657 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW080 | QC103_191203 | 03 Dec 2019 | Field_D | EB1932627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW080 | SW080_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.25 | <0.25 | <0.25 | <1.00 | <0.25 | <0.62 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.04 | <0.04 | <0.04 | <0.04 | <0.04 | <0.10 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_220406 | 06 Apr 2022 | Normal | EB2209951 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW080 | 0861_SW080_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.11 | <0.11 | <0.11 | <0.11 | <0.11 | <0.26 |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW088 | 0861_SW088_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_QC175_220331 | 31 Mar 2022 | Field_D | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_QC275_220331 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW088 | 0861_SW088_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW089 | 0861_SW089_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW089 | 0861_SW089_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW089 | 0861_SW089_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW090 | 0861_SW090_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW090 | 0861_QC101_190510 | 10 May 2019 | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW090 | 0861_QC201_190510 | 10 May 2019 | Interlab_D | 217521 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW090 | 0861_SW90_190510 | 10 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_211021 | 21 Oct 2021 | Normal | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_QC112_230522 | 22 May 2023 | Field_D | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW090 | 0861_SW090_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW091 | 0861_SW091_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_211021 | 21 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW091 | 0861_SW091_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW091 | 0861_SW091_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW094 | 0861_SW094_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_230522 | 22 May 2023 | Normal | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW094 | 0861_SW094_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW098 | 0861_SW098_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW098 | 0861_SW098_190506 | 06 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW098 | 0861_SW098_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC102_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC202_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW098 | 0861_SW098_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFAS | SW099 | 0861_SW099_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW099 | 0861_SW099_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW099 | 0861_SW099_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_201015 | 15 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW099 | 0861_SW099_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFAS | SW100 | 0861_SW100_170918 | 18 Sep 2017 | Normal | EB1719278 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC102_190507 | 07 May 2019 | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC202_190507 | 07 May 2019 | Interlab_D | 217521 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW100 | 0861_SW100_190507 | 07 May 2019 | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC203_191127 | 27 Nov 2019 | Interlab_D | 232094-A | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFAS | SW100 | 0861_SW100_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | QC103_191127 | 27 Nov 2019 | Field_D | EB1934177 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_201016 | 16 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_231024 | 24 Oct 2023 | Normal | EB2333887-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW100 | 0861_SW100_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFAS | SW002 | 0861_SW002_190429 | 29 Apr 2019 | Normal | EB1911387 | <0.05 | **5.15** | **0.50** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.63** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | **32.7** | **3.19** | **0.32** | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | **0.19** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_QC161_211025 | 25 Oct 2021 | Field_D | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_QC261_211025 | 25 Oct 2021 | Interlab_D | RN1333717 | <0.01 | **0.044** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW002 | 0861_SW002_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | <0.01 | **0.05** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | <0.01 | **0.02** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | SW003 | RAAF AMB SW106 | 01 Aug 2012 | Normal | EB1220184 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_121011 | 11 Oct 2012 | Normal | EB1226594 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_130117 | 17 Jan 2013 | Normal | EB1301006 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | E0861_SW106_130821 | 21 Aug 2013 | Normal | EB1320178 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 0861_SW03_170302 | 02 Mar 2017 | Normal | EB1704145 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW003 | 0861_SW003_190429 | 29 Apr 2019 | Normal | EB1911387 | <0.05 | **0.43** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | **1.36** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_QC168_220328 | 28 Mar 2022 | Field_D | EB2209942 | <0.05 | **0.16** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_QC268_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.01 | **0.12** | <0.01 | <0.01 | **0.014** | <0.02 | **0.027** | <0.05 | <0.02 | **0.039** | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW003 | 0861_SW003_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW04_170531 | 31 May 2017 | Normal | EB1711233 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW004_190502 | 02 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW004 | 0861_SW004_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW004 | 0861_SW004_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW005 | 0861_SW05_170531 | 31 May 2017 | Normal | EB1711233 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW005 | 0861_SW005_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW005 | 0861_SW005_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_QC182_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_QC282_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW005 | 0861_SW005_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | SW008 | RAAFAmb SW14 26/07/2012 | 26 Jul 2012 | Normal | EB1219768 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_121009 | 09 Oct 2012 | Normal | EB1226360 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_130116 | 16 Jan 2013 | Normal | EB1301006 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | E0861_SW14_130809 | 09 Aug 2013 | Normal | EB1319278 | - | 0.3 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_170302 | 02 Mar 2017 | Normal | EB1704145 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW008 | 0861_SW08_170531 | 31 May 2017 | Normal | EB1711233 | <0.05 | 0.11 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_171013 | 13 Oct 2017 | Normal | EB1721221 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW008 | 0861_SW008_190502 | 02 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_QC106_200417 | 17 Apr 2020 | Field_D | EB2010666-AE | <0.05 | 0.20 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.01 | 0.16 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.01 | 0.16 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_200417 | 17 Apr 2020 | Normal | EB2010666-AE | <0.05 | 0.14 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | 0.06 | <0.05 | <0.05 | <0.04 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_210415 | 15 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_221026 | 26 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.13 | <0.05 | <0.13 | <0.13 | <0.05 | <0.13 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_230427 | 27 Apr 2023 | Normal | EB2312761-AA | <0.05 | 0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW008 | 0861_SW008_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.05 | 0.08 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | 0.10 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW009 | 0861_SW09_170531 | 31 May 2017 | Normal | EB1711233 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW009 | 0861_SW009_190502 | 02 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW009 | 0861_SW009_191121 | 21 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW009 | 0861_SW009_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_Hist_202012-3 | SW011 | RAAF AMB SW01 | 06 Aug 2012 | Normal | EB1220568 | - | <0.1 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_121012 | 12 Oct 2012 | Normal | EB1226648 | - | 0.2 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_130117 | 17 Jan 2013 | Normal | EB1301006 | - | 2.6 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | E0861_SW01_130822 | 22 Aug 2013 | Normal | EB1320352 | - | 0.9 | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_170228 | 28 Feb 2017 | Normal | EB1703883 | <0.05 | 0.38 | 0.06 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW011 | 0861_SW011_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | <0.005 | 5.39 | 0.068 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW011 | 0861_SW011_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_17 | 06 Oct 2017 | Normal | EB1720694 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW011 | 0861_SW011_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | 2.09 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | 0.20 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | 3.33 | 0.10 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | 1.06 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW011 | 0861_SW011_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW015 | 0861_SW15_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW015 | 0861_SW015_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW015 | 0861_SW015_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW015 | 0861_SW015_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW16_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW016_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW016 | 0861_SW016_191118 | 18 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_QC141_210412 | 12 Apr 2021 | Field_D | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_QC241_210412 | 12 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW016 | 0861_SW016_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW018 | 0861_SW18_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW018 | 0861_SW018_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW018 | 0861_SW018_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW018 | 0861_SW018_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW018 | 0861_SW018_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW20_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW020 | 0861_SW020_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_200415 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC119_201012 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC219_201012 | 12 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC185_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_QC285_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC101_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC201_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_SW020_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW021 | 0861_SW021_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | 0.11 | <0.05 | 0.05 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW021 | 0861_QC135_201103 | 03 Nov 2020 | Field_D | EB2028860 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | **0.10** | <0.05 | <0.05 | **0.03** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_211021 | 21 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_24 | SW021 | 0861_SW021_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_SW25_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_SW025_190507 | 07 May 2019 | Normal | EB1911952 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_QC101_191119 | 19 Nov 2019 | Field_D | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_SW025_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW025 | 0861_QC201_191119 | 20 Nov 2019 | Interlab_D | 231783 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW025 | 0861_SW25_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC102_200415 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC151_210421 | 21 Apr 2021 | Field_D | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_QC251_210421 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_210421 | 21 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC105_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC205_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_SW025_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_SW26_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_SW026_190507 | 07 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_QC101_191127 | 27 Nov 2019 | Field_D | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW026 | 0861_QC201_191127 | 27 Nov 2019 | Interlab_D | 232094 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW026 | 0861_SW026_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_200421 | 21 Apr 2020 | Normal | EB2011255 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_210416 | 16 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_211020 | 20 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_231024 | 24 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC103_240411 | 11 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC203_240411 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_SW026_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW027 | 0861_SW027_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW028 | 0861_SW28_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW028 | 0861_SW028_190502 | 02 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC100_200414 | 14 Apr 2020 | Field_D | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | **0.48** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC153_211019 | 19 Oct 2021 | Field_D | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_QC253_211019 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_230509 | 09 May 2023 | Normal | EB2314270 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_Stage2_23 | SW028 | 0861_SW028_230810 | 10 Aug 2023 | Normal | 1018693 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC100_240409 | 09 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC200_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_SW028_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW030 | 0861_SW030_1904029 | 29 Apr 2019 | Normal | EB1911387 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | **1.99** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | **0.72** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | **0.69** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.05 | **0.37** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW030 | 0861_SW030_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | **0.39** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW033 | 0861_SW033_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | **0.26** | <0.05 | **0.08** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW033 | 0861_SW033_190503 | 03 May 2019 | Normal | EB1911387 | <0.05 | **0.07** | **0.46** | <0.05 | **0.19** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_200427 | 27 Apr 2020 | Normal | EB2011562 | <0.05 | <0.05 | <0.05 | <0.05 | **0.08** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_210415 | 15 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | **0.14** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | **0.11** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_220405 | 05 Apr 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | **0.24** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW033 | 0861_QC195_221025 | 25 Oct 2022 | Field_D | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | **0.19** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_QC295_221025 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | **0.084** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_221025 | 25 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW033 | 0861_SW033_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFAS | SW034 | 0861_SW34_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW034 | 0861_SW034_190430 | 30 Apr 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW034 | 0861_SW034_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_201012 | 12 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_210412 | 12 Apr 2021 | Normal | EB2111121 | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_220329 | 29 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_230428 | 28 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_231025 | 25 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW034 | 0861_SW034_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW036 | 0861_SW36_170530 | 30 May 2017 | Normal | ES1713428 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW036 | 0861_SW036_180119 | 18 Jan 2018 | Normal | EB1802500 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW036 | 0861_SW036_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC142_210414 | 14 Apr 2021 | Field_D | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC242_210414 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC155_211020 | 20 Oct 2021 | Field_D | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC255_211020 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC178_220401 | 01 Apr 2022 | Field_D | EB2209942 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_QC278_220401 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW036 | 0861_SW036_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_QC101_170913 | 13 Sep 2017 | Field_D | EB1719017 | <0.005 | **0.992** | **0.115** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW037 | 0861_QC201_170914 | 13 Sep 2017 | Interlab_D | 175963 | <0.01 | **1.0** | **0.14** | **0.002** | <0.01 | <0.005 | <0.002 | <0.005 | <0.01 | <0.002 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_SW037_0_170913 | 13 Sep 2017 | Normal | EB1719017 | <0.005 | **0.984** | **0.143** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW037 | 0861_QC101_190501 | 01 May 2019 | Field_D | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_QC201_190501 | 01 May 2019 | Interlab_D | 217104 | <0.01 | **0.03** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW037 | 0861_SW037_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW037 | 0861_SW037_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | **1.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.10 | **0.29** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_201015 | 14 Oct 2020 | Normal | EB2027176-AA | <0.10 | **0.80** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_QC139_210330 | 30 Mar 2021 | Field_D | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_QC239_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.01 | **0.043** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.05 | **0.12** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW037 | 0861_SW037_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW038 | 0861_SW038_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.013** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW038 | 0861_SW038_190513 | 13 May 2019 | Normal | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW038 | 0861_SW038_191126 | 29 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_200414 | 14 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | **1.32** | **0.34** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_QC137_210330 | 30 Mar 2021 | Field_D | EB2108857 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_QC237_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW038 | 0861_SW038_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW039 | 0861_SW39_170530 | 30 May 2017 | Normal | ES1713428 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW039 | 0861_SW039_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW039 | 0861_SW39_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC159_211022 | 22 Oct 2021 | Field_D | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC259_211022 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_QC169_220328 | 28 Mar 2022 | Field_D | EB2209942 | <0.05 | **0.29** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW039 | 0861_QC269_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW039 | 0861_SW039_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW040 | 0861_SW40_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW040 | 0861_SW040_190506 | 06 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW040 | 0861_SW040_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW040 | 0861_SW040_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_QC108_171020 | 17 Oct 2017 | Field_D | EB1721894 | <0.005 | **0.426** | **0.054** | <0.005 | **0.015** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW041 | 0861_SW041_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.389** | **0.042** | <0.005 | **0.012** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW041 | 0861_QC208_171020 | 20 Oct 2017 | Interlab_D | 178423 | <0.01 | **0.31** | **0.03** | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW041 | 0861-QC208-171020 | 20 Oct 2017 | Interlab_D | 178596 | <0.005 | **0.37** | **0.064** | <0.001 | <0.01 | <0.02 | <0.002 | <0.005 | <0.05 | <0.002 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_QC102_190508 | 08 May 2019 | Field_D | EB1911952 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_SW041_190508 | 08 May 2019 | Normal | EB1911952 | <0.05 | **0.07** | **0.07** | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW041 | 0861_SW041_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | **0.22** | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.10 | **0.27** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_201015 | 15 Oct 2020 | Normal | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_QC189_221020 | 20 Oct 2022 | Field_D | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_QC289_221020 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW041 | 0861_SW041_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 |
| QLD_0861_PFASOMP_24 | SW041 | 0861_SW041_240412 | 12 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW043 | 0861_SW43_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW043 | 0861_SW043_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_200428 | 28 Apr 2020 | Normal | EB2011568 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_QC127_201015 | 15 Oct 2020 | Field_D | EB2027176-AB | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_QC227_201015 | 15 Oct 2020 | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_220404 | 04 Apr 2022 | Normal | EB2209946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW043 | 0861_SW043_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_SW45_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_SW045_190506 | 06 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_QC105_191120 | 20 Nov 2019 | Field_D | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW045 | 0861_QC205_191120 | 20 Nov 2019 | Interlab_D | 232494 | <0.01 | **0.01** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW045 | 0861_SW045_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_200414 | 15 Apr 2020 | Normal | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_220329 | 29 Mar 2022 | Normal | EB2209946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC104_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC204_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_SW045_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW047 | 0861_SW47_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW047 | 0861_SW047_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | **0.23** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW047 | 0861_SW047_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.12** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_201013 | 13 Oct 2020 | Normal | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW047 | 0861_SW047_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW048 | 0861_QC103_170918 | 18 Sep 2017 | Field_D | EB1719278 | <0.05 | **3.03** | **0.60** | <0.05 | **0.09** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW048 | 0861_QC203_170918 | 18 Sep 2017 | Field_D | EB1719278 | <0.05 | **3.05** | **0.59** | <0.05 | **0.09** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW048 | 0861_SW048_170918 | 18 Sep 2017 | Normal | EB1719278 | <0.05 | **3.17** | **0.76** | <0.05 | **0.12** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_221019 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_230427 | 27 Apr 2023 | Normal | EB2312761-AA | <0.05 | **0.31** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.05 | **0.76** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | **0.34** | **0.03** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW049 | 0861_SW049_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW049 | 0861_SW049_190510 | 10 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC108_200420 | 20 Apr 2020 | Field_D | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC208_200420 | 20 Apr 2020 | Interlab_D | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW049 | 0861_QC187_221019 | 19 Oct 2022 | Field_D | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW049 | 0861_QC287_221019 | 19 Oct 2022 | Field_D | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_231023 | 28 Oct 2023 | Normal | EB2333894-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC102_240410 | 10 Apr 2024 | Field_D | EB2413950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC202_240410 | 10 Apr 2024 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_SW049_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW050 | 0861_SW50_170530 | 30 May 2017 | Normal | ES1713428 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW050 | 0861_SW050_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW050 | 0861_SW050_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | **0.06** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_230511 | 11 May 2023 | Normal | EB2314270 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW050 | 0861_SW050_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW51_170602 | 02 Jun 2017 | Normal | EB1711373 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | **0.16** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW051 | 0861_SW051_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW051 | 0861_SW051_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW052 | 0861_QC01_SW_170530 | 30 May 2017 | Field_D | ES1713428 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW052 | 0861_QC02_SW_170530 | 30 May 2017 | Interlab_D | 168440 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.005 | <0.002 | <0.005 | <0.01 | <0.002 | <0.05 |
| QLD_0861_PFAS | SW052 | 0861_SW52_170530 | 30 May 2017 | Normal | ES1713428 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW052 | 0861_SW052_190510 | 10 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW052 | 0861_SW052_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW052 | 0861_SW052_230426 | 26 Apr 2023 | Normal | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW052 | 0861_SW052_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW053 | 0861_SW053_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.012** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW053 | SW053_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW053 | 0861_SW053_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_SW056_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_SW056_190401 | 01 May 2019 | Normal | EB1911387 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC101_191118 | 18 Nov 2019 | Field_D | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC202_191118 | 18 Nov 2019 | Interlab_D | 231783 | <0.01 | **0.01** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW056 | 0861_SW056_191118 | 19 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW056 | 0861_QC102_191118 | 21 Nov 2019 | Field_D | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC104_200415 | 15 Apr 2020 | Field_D | EB2010666-AE | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.01 | **0.14** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.01 | **0.14** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.13** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC131_201019 | 19 Oct 2020 | Field_D | EB2027539 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW056 | 0861_QC231_201019 | 19 Oct 2020 | Interlab_D | RN1292508 | <0.01 | **0.013** | <0.01 | <0.01 | **0.014** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_201019 | 19 Oct 2020 | Normal | EB2027539 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.05 | **0.25** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.16** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC191_221021 | 21 Oct 2022 | Field_D | EB2231197 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_QC291_221021 | 21 Oct 2022 | Interlab_D | RN1370747 | <0.01 | **0.036** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | **0.05** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW056 | 0861_SW056_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW059 | 0861_SW059_0_170913 | 13 Sep 2017 | Normal | EB1719017 | <0.005 | **0.007** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW059 | 0861_SW059_190429 | 29 Apr 2019 | Normal | EB1911387 | <0.05 | **0.46** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_201103 | 03 Nov 2020 | Normal | EB2028860 | <0.05 | **0.13** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | **3.08** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC101_230417 | 17 Apr 2023 | Field_D | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC201_230417 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_230417 | 17 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW059 | 0861_SW059_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | **0.32** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW064 | 0861_SW064_171019 | 19 Oct 2017 | Normal | EB1721835 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_QC180_220406 | 06 Apr 2022 | Field_D | EB2209942 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_QC280_220406 | 06 Apr 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW064 | 0861_SW064_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW067 | 0861_SW067_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.026** | **0.029** | <0.005 | **0.003** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW067 | SW067_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFAS | SW076 | 0861_SW076_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | <0.005 | **0.038** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW076 | 0861_SW076_190501 | 01 May 2019 | Normal | EB1911387 | <0.05 | **0.35** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.21** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_201110 | 10 Nov 2020 | Normal | EB2029508 | <0.05 | **0.28** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.10 | **2.26** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_211026 | 26 Oct 2021 | Normal | EB2130850 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_220328 | 28 Mar 2022 | Normal | EB2209950 | <0.05 | **0.28** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC103_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.05 | **0.17** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC203_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | <0.01 | **0.16** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_230418 | 18 Apr 2023 | Normal | EB2312062-AA | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_231027 | 27 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW076 | 0861_SW076_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | <0.01 | **0.18** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW079 | 0861_SW079_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.514** | **0.078** | <0.005 | **0.028** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.05 | **0.06** | <0.05 | <0.05 | <0.04 | <0.11 | <0.04 | <0.11 | <0.11 | <0.04 | <0.11 |
| QLD_0861_PFASOMP | SW079 | 0861_QC145_210419 | 19 Apr 2021 | Field_D | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_QC245_210419 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.01 | **0.04** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW079 | 0861_SW079_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | <0.01 | **0.02** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW080 | 0861_SW080_171020 | 17 Oct 2017 | Normal | EB1721894 | <0.005 | **0.045** | **0.008** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| QLD_0861_PFAS | SW080 | 0861_SW080_190513 | 13 May 2019 | Normal | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW080 | 0861_QC203_191203 | 03 Dec 2019 | Interlab_D | 232657 | <0.01 | **0.11** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW080 | QC103_191203 | 03 Dec 2019 | Field_D | EB1932627 | <0.05 | **0.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW080 | SW080_191203 | 03 Dec 2019 | Normal | EB1932627 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_201021 | 21 Oct 2020 | Normal | EB2027539 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_210419 | 19 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_220406 | 06 Apr 2022 | Normal | EB2209951 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_221024 | 24 Oct 2022 | Normal | EB2231825 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_230421 | 21 Apr 2023 | Normal | EB2312062-AA | <0.05 | **0.05** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW080 | 0861_SW080_240418 | 18 Apr 2024 | Normal | EB2413910 | <0.11 | <0.11 | <0.11 | <0.11 | <0.11 | <0.26 | <0.11 | <0.26 | <0.26 | <0.11 | <0.26 |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW088 | 0861_SW088_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_QC175_220331 | 31 Mar 2022 | Field_D | EB2209942 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_QC275_220331 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW088 | 0861_SW088_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW089 | 0861_SW089_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW089 | 0861_SW089_190510 | 10 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW089 | 0861_SW089_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW090 | 0861_SW090_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW090 | 0861_QC101_190510 | 10 May 2019 | Field_D | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW090 | 0861_QC201_190510 | 10 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW090 | 0861_SW90_190510 | 10 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_211021 | 21 Oct 2021 | Normal | EB2130850 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_QC112_230522 | 22 May 2023 | Field_D | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW090 | 0861_SW090_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW091 | 0861_SW091_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_211021 | 21 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW091 | 0861_SW091_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW091 | 0861_SW091_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW094 | 0861_SW094_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_200415 | 15 Apr 2020 | Normal | EB2010666-AE | <0.05 | **0.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_201014 | 14 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_211022 | 22 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_230522 | 22 May 2023 | Normal | EB2315514 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW094 | 0861_SW094_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW098 | 0861_SW098_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW098 | 0861_SW098_190506 | 06 May 2019 | Normal | EB1911952 | <0.05 | **0.15** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW098 | 0861_SW098_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_211019 | 19 Oct 2021 | Normal | EB2130815 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_220401 | 01 Apr 2022 | Normal | EB2209946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC102_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC202_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_230418 | 18 Apr 2023 | Normal | EB2312057 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW098 | 0861_SW098_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| QLD_0861_PFAS | SW099 | 0861_SW099_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW099 | 0861_SW099_190507 | 07 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW099 | 0861_SW099_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_201015 | 15 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_231024 | 24 Oct 2023 | Normal | EB2333887-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW099 | 0861_SW099_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2020 Drinking Water | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | | | | | | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | |
| QLD_0861_PFAS | SW100 | 0861_SW100_170918 | 18 Sep 2017 | Normal | EB1719278 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC102_190507 | 07 May 2019 | Field_D | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC202_190507 | 07 May 2019 | Interlab_D | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW100 | 0861_SW100_190507 | 07 May 2019 | Normal | EB1911952 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | 0861_QC203_191127 | 27 Nov 2019 | Interlab_D | 232094-A | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| QLD_0861_PFAS | SW100 | 0861_SW100_191127 | 27 Nov 2019 | Normal | EB1932183 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFAS | SW100 | QC103_191127 | 27 Nov 2019 | Field_D | EB1934177 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_200421 | 21 Apr 2020 | Normal | EB2011246-AC | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_201016 | 16 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_220329 | 29 Mar 2022 | Normal | EB2209951 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_221020 | 20 Oct 2022 | Normal | EB2231197 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_231024 | 24 Oct 2023 | Normal | EB2333887-AB | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.10 | <0.02 | <0.05 | <0.10 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24 | SW100 | 0861_SW100_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFAS | SW002 | 0861_SW002_190429 | 29 Apr 2019 | Normal | EB1911387 | 1.52 | 13.4 | - | - | 13.7 | - |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 2.59 | 5.09 | - | - | 5.37 | - |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_201103 | 03 Nov 2020 | Normal | EB2028860 | 3.79 | 65.4 | - | - | 68.5 | - |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_210330 | 30 Mar 2021 | Normal | EB2108857 | 2.66 | 5.28 | - | - | 5.52 | - |
| QLD_0861_PFASOMP | SW002 | 0861_QC161_211025 | 25 Oct 2021 | Field_D | EB2130835 | 1.03 | 1.86 | - | - | 1.93 | - |
| QLD_0861_PFASOMP | SW002 | 0861_QC261_211025 | 25 Oct 2021 | Interlab_D | RN1333717 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_211025 | 25 Oct 2021 | Normal | EB2130835 | 1.06 | 1.91 | - | - | 1.97 | - |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_220328 | 28 Mar 2022 | Normal | EB2209950 | 1.63 | 3.08 | - | - | 3.24 | - |
| QLD_0861_PFASOMP | SW002 | 0861_SW002_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.50 | 0.98 | - | - | 0.98 | - |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 0.48 | 0.88 | - | - | 0.91 | - |
| QLD_0861_PFASOMP_23 | SW002 | 0861_SW002_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 0.45 | 1.60 | - | - | 1.62 | - |
| QLD_0861_PFASOMP_24 | SW002 | 0861_SW002_240410 | 10 Apr 2024 | Normal | EB2413910 | 1.19 | 1.79 | - | - | 1.86 | - |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC101_241031 | 31 Oct 2024 | Field_D | 1155836 | 1.51 | 3.04 | - | - | 3.18 | - |
| QLD_0861_PFASOMP_24a | SW002 | 0861_QC201_241031 | 31 Oct 2024 | Interlab_D | 365537 | 1.9 | - | - | - | 3.6 | - |
| QLD_0861_PFASOMP_24a | SW002 | 0861_SW002_241031 | 31 Oct 2024 | Normal | 1155836 | 1.46 | 2.82 | - | - | 2.95 | - |
| QLD_Hist_202012-3 | SW003 | RAAF AMB SW106 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_121011 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 5259_SW106_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | E0861_SW106_130821 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW003 | 0861_SW03_170302 | 02 Mar 2017 | Normal | EB1704145 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFAS | SW003 | 0861_SW003_190429 | 29 Apr 2019 | Normal | EB1911387 | 5.47 | 8.65 | - | - | 9.15 | - |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_201103 | 03 Nov 2020 | Normal | EB2028860 | 4.83 | 8.81 | - | - | 9.17 | - |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_210330 | 30 Mar 2021 | Normal | EB2108857 | 3.10 | 5.92 | - | - | 6.26 | - |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_211022 | 22 Oct 2021 | Normal | EB2130835 | 1.43 | 2.03 | - | - | 2.14 | - |
| QLD_0861_PFASOMP | SW003 | 0861_QC168_220328 | 28 Mar 2022 | Field_D | EB2209942 | 6.06 | 10.9 | - | - | 12.0 | - |
| QLD_0861_PFASOMP | SW003 | 0861_QC268_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_220328 | 28 Mar 2022 | Normal | EB2209950 | 6.95 | 12.2 | - | - | 13.2 | - |
| QLD_0861_PFASOMP | SW003 | 0861_SW003_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.43 | 0.60 | - | - | 0.60 | - |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 2.31 | 3.18 | - | - | 3.36 | - |
| QLD_0861_PFASOMP_23 | SW003 | 0861_SW003_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.12 | 1.63 | - | - | 1.69 | - |
| QLD_0861_PFASOMP_24 | SW003 | 0861_SW003_240410 | 10 Apr 2024 | Normal | EB2413910 | 0.85 | 1.25 | - | - | 1.29 | - |
| QLD_0861_PFAS | SW004 | 0861_SW04_170531 | 31 May 2017 | Normal | EB1711233 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFAS | SW004 | 0861_SW004_190502 | 02 May 2019 | Normal | EB1911387 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW004 | 0861_SW004_191118 | 18 Nov 2019 | Normal | EB1931427 | 0.11 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_210414 | 14 Apr 2021 | Normal | EB2111121 | 0.10 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.14 | 0.14 | - | - | 0.14 | - |
| QLD_0861_PFASOMP | SW004 | 0861_SW004_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_23 | SW004 | 0861_SW004_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP_24 | SW004 | 0861_SW004_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP_24a | SW004 | 0861_SW004_241108 | 08 Nov 2024 | Normal | 1158333 | 0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW005 | 0861_SW05_170531 | 31 May 2017 | Normal | EB1711233 | 1.64 | 1.78 | - | - | 1.82 | - |
| QLD_0861_PFAS | SW005 | 0861_SW005_190430 | 30 Apr 2019 | Normal | EB1911387 | 4.76 | 5.57 | - | - | 5.84 | - |
| QLD_0861_PFAS | SW005 | 0861_SW005_191118 | 18 Nov 2019 | Normal | EB1931427 | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.10 | 0.10 | - | - | 0.10 | - |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_201012 | 12 Oct 2020 | Normal | EB2027172 | 4.28 | 5.20 | - | - | 5.44 | - |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.12 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP | SW005 | 0861_QC182_221018 | 18 Oct 2022 | Field_D | EB2231197 | 1.76 | 2.05 | - | - | 2.15 | - |
| QLD_0861_PFASOMP | SW005 | 0861_QC282_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW005 | 0861_SW005_221018 | 18 Oct 2022 | Normal | EB2231197 | 1.74 | 2.03 | - | - | 2.13 | - |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 17.6 | 22.0 | - | - | 23.4 | - |
| QLD_0861_PFASOMP_23 | SW005 | 0861_SW005_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_24 | SW005 | 0861_SW005_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_24a | SW005 | 0861_SW005_241108 | 08 Nov 2024 | Normal | 1158333 | 0.02 | <0.05 | - | - | <0.1 | - |
| QLD_Hist_202012-3 | SW008 | RAAFAmb SW14 26/07/2012 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_121009 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 5259_SW14_130116 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | E0861_SW14_130809 | 09 Aug 2013 | Normal | EB1319278 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_170302 | 02 Mar 2017 | Normal | EB1704145 | 1.27 | 1.88 | - | - | 1.93 | - |
| QLD_0861_PFAS | SW008 | 0861_SW08_170531 | 31 May 2017 | Normal | EB1711233 | 3.47 | 5.21 | - | - | 5.73 | - |
| QLD_Hist_202012-3 | SW008 | 0861_SW08_171013 | 13 Oct 2017 | Normal | EB1721221 | 0.64 | 0.76 | - | - | 0.79 | - |
| QLD_0861_PFAS | SW008 | 0861_SW008_190502 | 02 May 2019 | Normal | EB1911387 | 0.74 | 1.17 | - | - | 1.23 | - |
| QLD_0861_PFASOMP | SW008 | 0861_QC106_200417 | 17 Apr 2020 | Field_D | EB2010666-AE | 1.51 | 2.36 | - | - | 2.48 | - |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1271947 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_QC206_200417 | 17 Apr 2020 | Interlab_D | RN1274650 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_200417 | 17 Apr 2020 | Normal | EB2010666-AE | 1.35 | 1.96 | - | - | 2.07 | - |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_201103 | 03 Nov 2020 | Normal | EB2028860 | 1.43 | 1.87 | - | - | 1.93 | - |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_210415 | 15 Apr 2021 | Normal | EB2111121 | 0.53 | 0.64 | - | - | 0.67 | - |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.67 | 0.80 | - | - | 0.83 | - |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.34 | 0.43 | - | - | 0.43 | - |
| QLD_0861_PFASOMP | SW008 | 0861_SW008_221026 | 26 Oct 2022 | Normal | EB2231825 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_230427 | 27 Apr 2023 | Normal | EB2312761-AA | 1.44 | 2.10 | - | - | 2.21 | - |
| QLD_0861_PFASOMP_23 | SW008 | 0861_SW008_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.62 | 0.85 | - | - | 0.89 | - |
| QLD_0861_PFASOMP_24 | SW008 | 0861_SW008_240412 | 12 Apr 2024 | Normal | EB2413910 | 4.19 | 5.59 | - | - | 5.90 | - |
| QLD_0861_PFASOMP_24a | SW008 | 0861_SW008_241106 | 06 Nov 2024 | Normal | 1158333 | 2.9 | 4.08 | - | - | 4.35 | - |
| QLD_0861_PFAS | SW009 | 0861_SW09_170531 | 31 May 2017 | Normal | EB1711233 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW009 | 0861_SW009_190502 | 02 May 2019 | Normal | EB1911387 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW009 | 0861_SW009_191121 | 21 Nov 2019 | Normal | EB1931427 | 0.45 | 0.57 | - | - | 0.59 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.18 | 0.23 | - | - | 0.23 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.07 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_210414 | 14 Apr 2021 | Normal | EB2111121 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_211022 | 22 Oct 2021 | Normal | EB2130835 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_220329 | 29 Mar 2022 | Normal | EB2209950 | 1.80 | 2.43 | - | - | 2.56 | - |
| QLD_0861_PFASOMP | SW009 | 0861_SW009_221018 | 18 Oct 2022 | Normal | EB2231197 | 1.37 | 2.13 | - | - | 2.28 | - |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP_23 | SW009 | 0861_SW009_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | SW009 | 0861_SW009_240412 | 12 Apr 2024 | Normal | EB2413910 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP_24a | SW009 | 0861_SW009_241108 | 08 Nov 2024 | Normal | 1158333 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_Hist_202012-3 | SW011 | RAAF AMB SW01 | 06 Aug 2012 | Normal | EB1220568 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_121012 | 12 Oct 2012 | Normal | EB1226648 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 5259_SW01_130117 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | E0861_SW01_130822 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_170228 | 28 Feb 2017 | Normal | EB1703883 | 13.8 | 17.3 | - | - | 18.2 | - |
| QLD_0861_PFAS | SW011 | 0861_SW011_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | 36.3 | 33.2 | - | - | 57.2 | - |
| QLD_0861_PFAS | SW011 | 0861_SW011_170915 | 15 Sep 2017 | Normal | EB1719132 | 3.19 | 3.83 | - | - | 4.03 | - |
| QLD_Hist_202012-3 | SW011 | 0861_SW13_17 | 06 Oct 2017 | Normal | EB1720694 | 4.33 | 5.47 | - | - | 5.88 | - |
| QLD_0861_PFAS | SW011 | 0861_SW011_190501 | 01 May 2019 | Normal | EB1911387 | 4.43 | 9.82 | - | - | 10.2 | - |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.65 | 0.76 | - | - | 0.78 | - |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_201103 | 03 Nov 2020 | Normal | EB2028860 | 3.26 | 4.64 | - | - | 4.84 | - |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_210330 | 30 Mar 2021 | Normal | EB2108857 | 9.72 | 17.1 | - | - | 17.8 | - |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_211026 | 26 Oct 2021 | Normal | EB2130850 | 3.87 | 4.87 | - | - | 5.12 | - |
| QLD_0861_PFASOMP | SW011 | 0861_SW011_220328 | 28 Mar 2022 | Normal | EB2209950 | 2.48 | 4.60 | - | - | 4.78 | - |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 9.72 | 11.2 | - | - | 11.7 | - |
| QLD_0861_PFASOMP_23 | SW011 | 0861_SW011_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 1.39 | 1.60 | - | - | 1.68 | - |
| QLD_0861_PFASOMP_24 | SW011 | 0861_SW011_240409 | 09 Apr 2024 | Normal | EB2413910 | 4.04 | 4.78 | - | - | 5.00 | - |
| QLD_0861_PFASOMP_24a | SW011 | 0861_SW011_241031 | 31 Oct 2024 | Normal | 1155836 | 3.2 | 4.07 | - | - | 4.36 | - |
| QLD_0861_PFAS | SW015 | 0861_SW15_170605 | 05 Jun 2017 | Normal | EB1711471 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFAS | SW015 | 0861_SW015_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFAS | SW015 | 0861_SW015_191118 | 18 Nov 2019 | Normal | EB1931427 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.02 | 0.02 | - | - | 0.02 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW015 | 0861_SW015_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_23 | SW015 | 0861_SW015_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP_24 | SW015 | 0861_SW015_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW015 | 0861_SW015_241107 | 07 Nov 2024 | Normal | 1158333 | 0.05 | 0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW016 | 0861_SW16_170605 | 05 Jun 2017 | Normal | EB1711471 | 3.38 | 3.77 | - | - | 3.92 | - |
| QLD_0861_PFAS | SW016 | 0861_SW016_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFAS | SW016 | 0861_SW016_191118 | 18 Nov 2019 | Normal | EB1931427 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW016 | 0861_QC141_210412 | 12 Apr 2021 | Field_D | EB2111121 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW016 | 0861_QC241_210412 | 12 Apr 2021 | Interlab_D | RN1313031 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP | SW016 | 0861_SW016_221018 | 18 Oct 2022 | Normal | EB2231197 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP_23 | SW016 | 0861_SW016_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP_24 | SW016 | 0861_SW016_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW016 | 0861_SW016_241105 | 06 Nov 2024 | Normal | 1158333 | 0.02 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW018 | 0861_SW18_170601 | 01 Jun 2017 | Normal | EB1711387 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFAS | SW018 | 0861_SW018_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFAS | SW018 | 0861_SW018_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.22 | 0.32 | - | - | 0.32 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.12 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP | SW018 | 0861_SW018_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW018 | 0861_SW018_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP_24 | SW018 | 0861_SW018_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC101_241106 | 06 Nov 2024 | Field_D | 1158333 | 0.63 | 0.76 | - | - | 0.82 | - |
| QLD_0861_PFASOMP_24a | SW018 | 0861_QC201_241106 | 06 Nov 2024 | Interlab_D | 366777 | 0.48 | - | - | - | 0.57 | - |
| QLD_0861_PFASOMP_24a | SW018 | 0861_SW018_241106 | 06 Nov 2024 | Normal | 1158333 | 0.51 | 0.6 | - | - | 0.63 | - |
| QLD_0861_PFAS | SW020 | 0861_SW20_170601 | 01 Jun 2017 | Normal | EB1711387 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFAS | SW020 | 0861_SW020_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFAS | SW020 | 0861_SW020_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.20 | 0.30 | - | - | 0.30 | - |
| QLD_0861_PFAS | SW020 | 0861_SW020_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.23 | 0.33 | - | - | 0.33 | - |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_200415 | 14 Apr 2020 | Normal | EB2010666-AE | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW020 | 0861_QC119_201012 | 12 Oct 2020 | Field_D | EB2027176-AA | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW020 | 0861_QC219_201012 | 12 Oct 2020 | Interlab_D | RN1292028 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.11 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFASOMP | SW020 | 0861_QC185_221018 | 18 Oct 2022 | Field_D | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW020 | 0861_QC285_221018 | 18 Oct 2022 | Interlab_D | RN1370747 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW020 | 0861_SW020_221018 | 18 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP_23 | SW020 | 0861_SW020_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC101_240409 | 09 Apr 2024 | Field_D | EB2413950 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24 | SW020 | 0861_QC201_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW020 | 0861_SW020_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW020 | 0861_SW020_241106 | 06 Nov 2024 | Normal | 1158333 | 0.77 | 0.92 | - | - | 0.98 | - |
| QLD_0861_PFAS | SW021 | 0861_SW021_170914 | 14 Sep 2017 | Normal | EB1719065 | 24.9 | 37.2 | - | - | 39.0 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_200420 | 20 Apr 2020 | Normal | EB2011246-AC | 28.1 | 30.9 | - | - | 32.4 | - |
| QLD_0861_PFASOMP | SW021 | 0861_QC135_201103 | 03 Nov 2020 | Field_D | EB2028860 | 54.8 | 69.6 | - | - | 73.6 | - |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_201103 | 03 Nov 2020 | Normal | EB2028860 | 58.8 | 74.0 | - | - | 77.4 | - |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_210330 | 30 Mar 2021 | Normal | EB2108857 | 39.4 | 78.4 | - | - | 84.6 | - |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_211021 | 21 Oct 2021 | Normal | EB2130835 | 14.7 | 21.8 | - | - | 23.2 | - |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_220331 | 31 Mar 2022 | Normal | EB2209950 | 21.9 | 32.6 | - | - | 34.4 | - |
| QLD_0861_PFASOMP | SW021 | 0861_SW021_221021 | 21 Oct 2022 | Normal | EB2231197 | 24.6 | 35.6 | - | - | 37.7 | - |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 20.7 | 30.3 | - | - | 32.5 | - |
| QLD_0861_PFASOMP_23 | SW021 | 0861_SW021_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 8.26 | 11.7 | - | - | 12.4 | - |
| QLD_0861_PFASOMP_24 | SW021 | 0861_SW021_240410 | 10 Apr 2024 | Normal | EB2413910 | 8.08 | 9.75 | - | - | 10.2 | - |
| QLD_0861_PFASOMP_24a | SW021 | 0861_SW021_241101 | 01 Nov 2024 | Normal | 1155836 | 8.7 | 10.24 | - | - | 10.65 | - |
| QLD_0861_PFAS | SW025 | 0861_SW25_170601 | 01 Jun 2017 | Normal | EB1711387 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW025 | 0861_SW025_190507 | 07 May 2019 | Normal | EB1911952 | <0.01 | 0.10 | - | - | 0.10 | - |
| QLD_0861_PFAS | SW025 | 0861_QC101_191119 | 19 Nov 2019 | Field_D | EB1931427 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW025 | 0861_SW025_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW025 | 0861_QC201_191119 | 20 Nov 2019 | Interlab_D | 231783 | <0.01 | - | - | - | <0.01 | - |
| QLD_0861_PFAS | SW025 | 0861_SW25_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_QC102_200415 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_QC202_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_QC151_210421 | 21 Apr 2021 | Field_D | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_QC251_210421 | 21 Apr 2021 | Interlab_D | RN1313031 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_210421 | 21 Apr 2021 | Normal | EB2111112 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW025 | 0861_SW025_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW025 | 0861_SW025_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC105_240412 | 12 Apr 2024 | Field_D | EB2413950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW025 | 0861_QC205_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW025 | 0861_SW025_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC102_241112 | 12 Nov 2024 | Field_D | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFASOMP_24a | SW025 | 0861_QC202_241112 | 12 Nov 2024 | Interlab_D | 366899 | <0.01 | - | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW025 | 0861_SW025_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW026 | 0861_SW26_170602 | 02 Jun 2017 | Normal | EB1711373 | 0.20 | 0.23 | - | - | 0.23 | - |
| QLD_0861_PFAS | SW026 | 0861_SW026_190507 | 07 May 2019 | Normal | EB1911952 | 0.11 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFAS | SW026 | 0861_QC101_191127 | 27 Nov 2019 | Field_D | EB1932183 | 0.18 | 0.20 | - | - | 0.20 | - |
| QLD_0861_PFAS | SW026 | 0861_QC201_191127 | 27 Nov 2019 | Interlab_D | 232094 | 0.20 | - | - | - | 0.22 | - |
| QLD_0861_PFAS | SW026 | 0861_SW026_191127 | 27 Nov 2019 | Normal | EB1932183 | 0.18 | 0.20 | - | - | 0.20 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_200421 | 21 Apr 2020 | Normal | EB2011255 | 0.23 | 0.26 | - | - | 0.26 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.11 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_210416 | 16 Apr 2021 | Normal | EB2111112 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_211020 | 20 Oct 2021 | Normal | EB2130815 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_220401 | 01 Apr 2022 | Normal | EB2209946 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW026 | 0861_SW026_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.58 | 0.69 | - | - | 0.72 | - |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_230419 | 19 Apr 2023 | Normal | EB2312057 | 0.13 | 0.13 | - | - | 0.13 | - |
| QLD_0861_PFASOMP_23 | SW026 | 0861_SW026_231024 | 24 Oct 2023 | Normal | EB2333898 | 0.29 | 0.29 | - | - | 0.29 | - |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC103_240411 | 11 Apr 2024 | Field_D | EB2413950 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP_24 | SW026 | 0861_QC203_240411 | 11 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW026 | 0861_SW026_240411 | 11 Apr 2024 | Normal | EB2413946 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW026 | 0861_SW026_241108 | 08 Nov 2024 | Normal | 1158333 | 0.4 | 0.48 | - | - | 0.51 | - |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_210330 | 30 Mar 2021 | Normal | EB2108857 | 3.39 | 5.20 | - | - | 5.57 | - |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_211026 | 26 Oct 2021 | Normal | EB2130850 | 0.99 | 1.40 | - | - | 1.48 | - |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_220328 | 28 Mar 2022 | Normal | EB2209950 | 35.5 | 45.4 | - | - | 48.8 | - |
| QLD_0861_PFASOMP | SW027 | 0861_SW027_221021 | 21 Oct 2022 | Normal | EB2231197 | 0.24 | 0.28 | - | - | 0.28 | - |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 1.03 | 1.17 | - | - | 1.20 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP_23 | SW027 | 0861_SW027_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.52 | 1.83 | - | - | 1.93 | - |
| QLD_0861_PFASOMP_24 | SW027 | 0861_SW027_240409 | 09 Apr 2024 | Normal | EB2413910 | 6.80 | 7.60 | - | - | 7.90 | - |
| QLD_0861_PFASOMP_24a | SW027 | 0861_SW027_241028 | 28 Oct 2024 | Normal | 1155836 | 0.49 | 0.66 | - | - | 0.69 | - |
| QLD_0861_PFAS | SW028 | 0861_SW28_170601 | 01 Jun 2017 | Normal | EB1711387 | 0.45 | 0.49 | - | - | 0.49 | - |
| QLD_0861_PFAS | SW028 | 0861_SW028_190502 | 02 May 2019 | Normal | EB1911387 | 0.30 | 0.32 | - | - | 0.32 | - |
| QLD_0861_PFASOMP | SW028 | 0861_QC100_200414 | 14 Apr 2020 | Field_D | EB2010666-AE | 1.39 | 1.64 | - | - | 1.72 | - |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1271947 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_QC200_200414 | 14 Apr 2020 | Interlab_D | RN1274650 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 1.57 | 1.85 | - | - | 1.93 | - |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.73 | 0.89 | - | - | 0.92 | - |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.76 | 1.39 | - | - | 1.43 | - |
| QLD_0861_PFASOMP | SW028 | 0861_QC153_211019 | 19 Oct 2021 | Field_D | EB2130835 | 0.82 | 0.94 | - | - | 0.96 | - |
| QLD_0861_PFASOMP | SW028 | 0861_QC253_211019 | 19 Oct 2021 | Interlab_D | RN1333717 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.98 | 1.11 | - | - | 1.13 | - |
| QLD_0861_PFASOMP | SW028 | 0861_SW028_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.12 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_230509 | 09 May 2023 | Normal | EB2314270 | 0.43 | 0.46 | - | - | 0.46 | - |
| QLD_0861_Stage2_23 | SW028 | 0861_SW028_230810 | 10 Aug 2023 | Normal | 1018693 | 0.81 | 1.05 | - | - | 1.21 | - |
| QLD_0861_PFASOMP_23 | SW028 | 0861_SW028_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 2.22 | 3.34 | - | - | 3.70 | - |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC100_240409 | 09 Apr 2024 | Field_D | EB2413950 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP_24 | SW028 | 0861_QC200_240409 | 09 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW028 | 0861_SW028_240409 | 09 Apr 2024 | Normal | EB2413910 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP_24a | SW028 | 0861_QC105_241107 | 07 Nov 2024 | Field_D | 1158333 | 0.64 | 0.77 | - | - | 0.83 | - |
| QLD_0861_PFASOMP_24a | SW028 | 0861_SW028_241107 | 07 Nov 2024 | Normal | 1158333 | 0.72 | 0.85 | - | - | 0.92 | - |
| QLD_0861_PFAS | SW030 | 0861_SW030_1904029 | 29 Apr 2019 | Normal | EB1911387 | 3.45 | 5.30 | - | - | 5.59 | - |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_201103 | 03 Nov 2020 | Normal | EB2028860 | 1.27 | 2.00 | - | - | 2.09 | - |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_210330 | 30 Mar 2021 | Normal | EB2108857 | 9.64 | 16.1 | - | - | 16.9 | - |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_211026 | 26 Oct 2021 | Normal | EB2130850 | 13.7 | 22.1 | - | - | 23.4 | - |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_220328 | 28 Mar 2022 | Normal | EB2209950 | 3.29 | 4.17 | - | - | 4.37 | - |
| QLD_0861_PFASOMP | SW030 | 0861_SW030_221021 | 21 Oct 2022 | Normal | EB2231197 | 9.74 | 13.4 | - | - | 14.3 | - |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 3.87 | 5.48 | - | - | 5.75 | - |
| QLD_0861_PFASOMP_23 | SW030 | 0861_SW030_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 2.95 | 3.80 | - | - | 3.93 | - |
| QLD_0861_PFASOMP_24 | SW030 | 0861_SW030_240409 | 09 Apr 2024 | Normal | EB2413910 | 5.52 | 7.36 | - | - | 7.71 | - |
| QLD_0861_PFAS | SW033 | 0861_SW033_170914 | 14 Sep 2017 | Normal | EB1719065 | 11.5 | 18.5 | - | - | 19.4 | - |
| QLD_0861_PFAS | SW033 | 0861_SW033_190503 | 03 May 2019 | Normal | EB1911387 | 13.8 | 24.4 | - | - | 25.8 | - |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_200427 | 27 Apr 2020 | Normal | EB2011562 | 4.51 | 5.38 | - | - | 5.70 | - |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_210415 | 15 Apr 2021 | Normal | EB2111121 | 108 | 158 | - | - | 169 | - |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_211026 | 26 Oct 2021 | Normal | EB2130850 | 101 | 120 | - | - | 125 | - |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_220405 | 05 Apr 2022 | Normal | EB2209950 | 60.0 | 85.4 | - | - | 92.3 | - |
| QLD_0861_PFASOMP | SW033 | 0861_QC195_221025 | 25 Oct 2022 | Field_D | EB2231825 | 23.1 | 29.3 | - | - | 30.9 | - |
| QLD_0861_PFASOMP | SW033 | 0861_QC295_221025 | 25 Oct 2022 | Interlab_D | RN1371573 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW033 | 0861_SW033_221025 | 25 Oct 2022 | Normal | EB2231825 | 22.4 | 28.4 | - | - | 29.8 | - |
| QLD_0861_PFASOMP_23 | SW033 | 0861_SW033_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 13.0 | 19.2 | - | - | 20.4 | - |
| QLD_0861_PFAS | SW034 | 0861_SW34_170601 | 01 Jun 2017 | Normal | EB1711387 | 12.0 | 14.6 | - | - | 15.7 | - |
| QLD_0861_PFAS | SW034 | 0861_SW034_190430 | 30 Apr 2019 | Normal | EB1911387 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFAS | SW034 | 0861_SW034_191119 | 19 Nov 2019 | Normal | EB1931427 | 0.25 | 0.35 | - | - | 0.35 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_201012 | 12 Oct 2020 | Normal | EB2027172 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_210412 | 12 Apr 2021 | Normal | EB2111121 | 0.02 | 0.22 | - | - | 0.22 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_220329 | 29 Mar 2022 | Normal | EB2209950 | 0.13 | 0.13 | - | - | 0.13 | - |
| QLD_0861_PFASOMP | SW034 | 0861_SW034_221018 | 18 Oct 2022 | Normal | EB2231197 | 0.50 | 0.56 | - | - | 0.58 | - |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_230428 | 28 Apr 2023 | Normal | EB2312761-AA | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP_23 | SW034 | 0861_SW034_231025 | 25 Oct 2023 | Normal | EB2333887-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_24 | SW034 | 0861_SW034_240409 | 09 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW034 | 0861_SW034_241106 | 06 Nov 2024 | Normal | 1158333 | 0.41 | 0.49 | - | - | 0.52 | - |
| QLD_0861_PFAS | SW036 | 0861_SW36_170530 | 30 May 2017 | Normal | ES1713428 | 0.230 | 0.243 | - | - | 0.369 | - |
| QLD_0861_PFAS | SW036 | 0861_SW036_180119 | 18 Jan 2018 | Normal | EB1802500 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW036 | 0861_SW036_190501 | 01 May 2019 | Normal | EB1911387 | 0.03 | 0.03 | - | - | 0.03 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.34 | 0.48 | - | - | 0.48 | - |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_201014 | 14 Oct 2020 | Normal | EB2027176-AA | 0.11 | 0.22 | - | - | 0.22 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC142_210414 | 14 Apr 2021 | Field_D | EB2111121 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC242_210414 | 14 Apr 2021 | Interlab_D | RN1313031 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_210414 | 14 Apr 2021 | Normal | EB2111121 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC155_211020 | 20 Oct 2021 | Field_D | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC255_211020 | 20 Oct 2021 | Interlab_D | RN1333717 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC178_220401 | 01 Apr 2022 | Field_D | EB2209942 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW036 | 0861_QC278_220401 | 01 Apr 2022 | Interlab_D | RN1349008 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_220401 | 01 Apr 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW036 | 0861_SW036_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_230522 | 22 May 2023 | Normal | EB2315514 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_23 | SW036 | 0861_SW036_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.10 | 0.20 | - | - | 0.20 | - |
| QLD_0861_PFASOMP_24 | SW036 | 0861_SW036_240411 | 11 Apr 2024 | Normal | EB2413910 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW036 | 0861_SW036_241108 | 08 Nov 2024 | Normal | 1158333 | 0.23 | 0.34 | - | - | 0.35 | - |
| QLD_0861_PFAS | SW037 | 0861_QC101_170913 | 13 Sep 2017 | Field_D | EB1719017 | 63.4 | 71.5 | - | - | 105 | - |
| QLD_0861_PFAS | SW037 | 0861_QC201_170914 | 13 Sep 2017 | Interlab_D | 175963 | - | - | - | - | - | - |
| QLD_0861_PFAS | SW037 | 0861_SW037_0_170913 | 13 Sep 2017 | Normal | EB1719017 | 59.8 | 69.8 | - | - | 102 | - |
| QLD_0861_PFAS | SW037 | 0861_QC101_190501 | 01 May 2019 | Field_D | EB1911387 | 3.70 | 5.83 | - | - | 6.22 | - |
| QLD_0861_PFAS | SW037 | 0861_QC201_190501 | 01 May 2019 | Interlab_D | 217104 | 4.0 | - | - | - | 6.9 | - |
| QLD_0861_PFAS | SW037 | 0861_SW037_190501 | 01 May 2019 | Normal | EB1911387 | 3.56 | 5.67 | - | - | 6.05 | - |
| QLD_0861_PFAS | SW037 | 0861_SW037_191119 | 19 Nov 2019 | Normal | EB1931427 | 33.2 | 54.0 | - | - | 58.1 | - |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 20.5 | 40.9 | - | - | 44.8 | - |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_201015 | 14 Oct 2020 | Normal | EB2027176-AA | 36.6 | 68.4 | - | - | 73.8 | - |
| QLD_0861_PFASOMP | SW037 | 0861_QC139_210330 | 30 Mar 2021 | Field_D | EB2108857 | 8.52 | 13.8 | - | - | 14.9 | - |
| QLD_0861_PFASOMP | SW037 | 0861_QC239_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_210330 | 30 Mar 2021 | Normal | EB2108857 | 9.57 | 14.9 | - | - | 15.9 | - |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_211026 | 26 Oct 2021 | Normal | EB2130850 | 5.02 | 8.09 | - | - | 8.65 | - |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_220330 | 30 Mar 2022 | Normal | EB2209950 | 3.02 | 4.03 | - | - | 4.34 | - |
| QLD_0861_PFASOMP | SW037 | 0861_SW037_221021 | 21 Oct 2022 | Normal | EB2231197 | 3.37 | 4.34 | - | - | 4.66 | - |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 4.30 | 6.05 | - | - | 6.70 | - |
| QLD_0861_PFASOMP_23 | SW037 | 0861_SW037_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 11.7 | 21.9 | - | - | 24.1 | - |
| QLD_0861_PFASOMP_24 | SW037 | 0861_SW037_240410 | 10 Apr 2024 | Normal | EB2413910 | 4.51 | 6.45 | - | - | 6.88 | - |
| QLD_0861_PFASOMP_24a | SW037 | 0861_SW037_241031 | 31 Oct 2024 | Normal | 1155836 | 4 | 5.44 | - | - | 6.07 | - |
| QLD_0861_PFAS | SW038 | 0861_SW038_171020 | 17 Oct 2017 | Normal | EB1721894 | 0.083 | 0.106 | - | - | 0.143 | - |
| QLD_0861_PFAS | SW038 | 0861_SW038_190513 | 13 May 2019 | Normal | EB1912390 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFAS | SW038 | 0861_SW038_191126 | 29 Nov 2019 | Normal | EB1932183 | 0.06 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_200414 | 14 Apr 2020 | Normal | EB2010666-AE | 0.97 | 1.33 | - | - | 1.39 | - |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_201103 | 03 Nov 2020 | Normal | EB2028860 | 0.82 | 3.05 | - | - | 3.28 | - |
| QLD_0861_PFASOMP | SW038 | 0861_QC137_210330 | 30 Mar 2021 | Field_D | EB2108857 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP | SW038 | 0861_QC237_210330 | 30 Mar 2021 | Interlab_D | RN1310437 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_211025 | 25 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_220330 | 30 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW038 | 0861_SW038_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.11 | 0.11 | - | - | 0.11 | - |
| QLD_0861_PFASOMP_23 | SW038 | 0861_SW038_231129 | 29 Nov 2023 | Normal | EB2337879-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW038 | 0861_SW038_241106 | 06 Nov 2024 | Normal | 1158333 | 1.56 | 2.33 | - | - | 2.48 | - |
| QLD_0861_PFAS | SW039 | 0861_SW39_170530 | 30 May 2017 | Normal | ES1713428 | 0.004 | <0.002 | - | - | 0.004 | - |
| QLD_0861_PFAS | SW039 | 0861_SW039_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW039 | 0861_SW39_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_200415 | 15 Apr 2020 | Normal | EB2010666-AF | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_201014 | 14 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_210330 | 30 Mar 2021 | Normal | EB2108857 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_QC159_211022 | 22 Oct 2021 | Field_D | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_QC259_211022 | 22 Oct 2021 | Interlab_D | RN1333717 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW039 | 0861_QC169_220328 | 28 Mar 2022 | Field_D | EB2209942 | <0.01 | 0.32 | - | - | 0.32 | - |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW039 | 0861_QC269_220328 | 28 Mar 2022 | Interlab_D | RN1349008 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_220328 | 28 Mar 2022 | Normal | EB2209946 | <0.01 | 0.10 | - | - | 0.10 | - |
| QLD_0861_PFASOMP | SW039 | 0861_SW039_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_230426 | 26 Apr 2023 | Normal | EB2312761-AB | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW039 | 0861_SW039_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW039 | 0861_SW039_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW039 | 0861_SW039_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW040 | 0861_SW40_170602 | 02 Jun 2017 | Normal | EB1711373 | 0.20 | 0.24 | - | - | 0.24 | - |
| QLD_0861_PFAS | SW040 | 0861_SW040_190506 | 06 May 2019 | Normal | EB1911952 | 0.59 | 0.77 | - | - | 0.81 | - |
| QLD_0861_PFAS | SW040 | 0861_SW040_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.64 | 0.78 | - | - | 0.82 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_200415 | 15 Apr 2020 | Normal | EB2010666-AF | 0.19 | 0.23 | - | - | 0.23 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.48 | 0.65 | - | - | 0.68 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_210415 | 15 Apr 2021 | Normal | EB2111112 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_211019 | 19 Oct 2021 | Normal | EB2130815 | 0.15 | 0.17 | - | - | 0.17 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_220328 | 28 Mar 2022 | Normal | EB2209946 | 0.35 | 0.58 | - | - | 0.61 | - |
| QLD_0861_PFASOMP | SW040 | 0861_SW040_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.35 | 0.39 | - | - | 0.39 | - |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_230418 | 18 Apr 2023 | Normal | EB2312057 | 0.15 | 0.15 | - | - | 0.15 | - |
| QLD_0861_PFASOMP_23 | SW040 | 0861_SW040_231026 | 26 Oct 2023 | Normal | EB2333898 | 0.26 | 0.28 | - | - | 0.28 | - |
| QLD_0861_PFASOMP_24 | SW040 | 0861_SW040_240412 | 12 Apr 2024 | Normal | EB2413946 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW040 | 0861_SW040_241112 | 12 Nov 2024 | Normal | 1161658 | 0.21 | 0.26 | - | - | 0.29 | - |
| QLD_0861_PFAS | SW041 | 0861_QC108_171020 | 17 Oct 2017 | Field_D | EB1721894 | 11.6 | 8.54 | - | - | 16.0 | - |
| QLD_0861_PFAS | SW041 | 0861_SW041_171020 | 17 Oct 2017 | Normal | EB1721894 | 10.7 | 8.72 | - | - | 15.2 | - |
| QLD_0861_PFAS | SW041 | 0861_QC208_171020 | 20 Oct 2017 | Interlab_D | 178423 | - | - | - | - | - | - |
| QLD_0861_PFAS | SW041 | 0861-QC208-171020 | 20 Oct 2017 | Interlab_D | 178596 | - | - | - | - | - | - |
| QLD_0861_PFAS | SW041 | 0861_QC102_190508 | 08 May 2019 | Field_D | EB1911952 | 20.5 | 27.2 | - | - | 29.5 | - |
| QLD_0861_PFAS | SW041 | 0861_SW041_190508 | 08 May 2019 | Normal | EB1911952 | 22.0 | 28.7 | - | - | 31.0 | - |
| QLD_0861_PFAS | SW041 | 0861_SW041_191119 | 19 Nov 2019 | Normal | EB1931427 | 30.1 | 40.3 | - | - | 43.9 | - |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 48.2 | 64.8 | - | - | 71.8 | - |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_201015 | 15 Oct 2020 | Normal | EB2027176-AA | 37.8 | 51.9 | - | - | 56.4 | - |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_210330 | 30 Mar 2021 | Normal | EB2108857 | 17.3 | 22.3 | - | - | 24.0 | - |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_211026 | 26 Oct 2021 | Normal | EB2130850 | 4.45 | 5.57 | - | - | 5.93 | - |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_220328 | 28 Mar 2022 | Normal | EB2209950 | 15.9 | 19.8 | - | - | 21.4 | - |
| QLD_0861_PFASOMP | SW041 | 0861_QC189_221020 | 20 Oct 2022 | Field_D | EB2231197 | 1.90 | 2.33 | - | - | 2.49 | - |
| QLD_0861_PFASOMP | SW041 | 0861_QC289_221020 | 20 Oct 2022 | Interlab_D | RN1370747 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW041 | 0861_SW041_221020 | 20 Oct 2022 | Normal | EB2231197 | 1.78 | 2.17 | - | - | 2.31 | - |
| QLD_0861_PFASOMP_23 | SW041 | 0861_SW041_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 16.9 | 20.8 | - | - | 22.5 | - |
| QLD_0861_PFASOMP_24 | SW041 | 0861_SW041_240412 | 12 Apr 2024 | Normal | EB2413910 | 10.6 | 13.3 | - | - | 14.3 | - |
| QLD_0861_PFASOMP_24a | SW041 | 0861_SW041_241105 | 05 Nov 2024 | Normal | 1156536 | 15.6 | 19.81 | - | - | 21.91 | - |
| QLD_0861_PFAS | SW043 | 0861_SW43_170605 | 05 Jun 2017 | Normal | EB1711471 | <0.01 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFAS | SW043 | 0861_SW043_191119 | 19 Nov 2019 | Normal | EB1931427 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW043 | 0861_SW043_191128 | 29 Nov 2019 | Normal | EB1932183 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_200428 | 28 Apr 2020 | Normal | EB2011568 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_QC127_201015 | 15 Oct 2020 | Field_D | EB2027176-AB | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_QC227_201015 | 15 Oct 2020 | Interlab_D | RN1292028 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_201015 | 15 Oct 2020 | Normal | EB2027208-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_210415 | 15 Apr 2021 | Normal | EB2111112 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_211022 | 22 Oct 2021 | Normal | EB2130815 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_220404 | 04 Apr 2022 | Normal | EB2209946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW043 | 0861_SW043_221020 | 20 Oct 2022 | Normal | EB2231202 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_230419 | 19 Apr 2023 | Normal | EB2312057 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW043 | 0861_SW043_231026 | 26 Oct 2023 | Normal | EB2333898 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW043 | 0861_SW043_240411 | 11 Apr 2024 | Normal | EB2413946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW043 | 0861_SW043_241112 | 12 Nov 2024 | Normal | 1161658 | 0.04 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW045 | 0861_SW45_170602 | 02 Jun 2017 | Normal | EB1711373 | 0.23 | 0.27 | - | - | 0.27 | - |
| QLD_0861_PFAS | SW045 | 0861_SW045_190506 | 06 May 2019 | Normal | EB1911952 | 0.99 | 1.27 | - | - | 1.36 | - |
| QLD_0861_PFAS | SW045 | 0861_QC105_191120 | 20 Nov 2019 | Field_D | EB1931427 | 0.56 | 0.71 | - | - | 0.74 | - |
| QLD_0861_PFAS | SW045 | 0861_QC205_191120 | 20 Nov 2019 | Interlab_D | 232494 | 0.84 | - | - | - | 1.2 | - |
| QLD_0861_PFAS | SW045 | 0861_SW045_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.61 | 0.75 | - | - | 0.79 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_200414 | 15 Apr 2020 | Normal | EB2010666-AF | 0.19 | 0.22 | - | - | 0.22 | - |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.14 | 0.16 | - | - | 0.16 | - |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_210415 | 15 Apr 2021 | Normal | EB2111112 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_211019 | 19 Oct 2021 | Normal | EB2130815 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_220329 | 29 Mar 2022 | Normal | EB2209946 | 0.13 | 0.13 | - | - | 0.13 | - |
| QLD_0861_PFASOMP | SW045 | 0861_SW045_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.17 | 0.17 | - | - | 0.17 | - |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_230418 | 18 Apr 2023 | Normal | EB2312057 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP_23 | SW045 | 0861_SW045_231026 | 26 Oct 2023 | Normal | EB2333898 | 0.17 | 0.17 | - | - | 0.17 | - |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC104_240412 | 12 Apr 2024 | Field_D | EB2413950 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24 | SW045 | 0861_QC204_240412 | 12 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW045 | 0861_SW045_240412 | 12 Apr 2024 | Normal | EB2413946 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW045 | 0861_SW045_241112 | 12 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW047 | 0861_SW47_170602 | 02 Jun 2017 | Normal | EB1711373 | 5.47 | 8.78 | - | - | 9.49 | - |
| QLD_0861_PFAS | SW047 | 0861_SW047_190501 | 01 May 2019 | Normal | EB1911387 | 4.08 | 7.04 | - | - | 7.44 | - |
| QLD_0861_PFAS | SW047 | 0861_SW047_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.39 | 0.52 | - | - | 0.56 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 2.82 | 4.17 | - | - | 4.38 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_201013 | 13 Oct 2020 | Normal | EB2027172 | 4.43 | 8.50 | - | - | 9.08 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_220331 | 31 Mar 2022 | Normal | EB2209950 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP | SW047 | 0861_SW047_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_230522 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW047 | 0861_SW047_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW047 | 0861_SW047_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW047 | 0861_SW047_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW048 | 0861_QC103_170918 | 18 Sep 2017 | Field_D | EB1719278 | 15.8 | 23.0 | - | - | 23.7 | - |
| QLD_0861_PFAS | SW048 | 0861_QC203_170918 | 18 Sep 2017 | Field_D | EB1719278 | 16.7 | 23.7 | - | - | 24.4 | - |
| QLD_0861_PFAS | SW048 | 0861_SW048_170918 | 18 Sep 2017 | Normal | EB1719278 | 17.5 | 25.0 | - | - | 25.8 | - |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_220328 | 28 Mar 2022 | Normal | EB2209950 | 0.50 | 0.77 | - | - | 0.79 | - |
| QLD_0861_PFASOMP | SW048 | 0861_SW048_221019 | 21 Oct 2022 | Normal | EB2231197 | 0.59 | 0.77 | - | - | 0.79 | - |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_230427 | 27 Apr 2023 | Normal | EB2312761-AA | 3.62 | 4.56 | - | - | 4.75 | - |
| QLD_0861_PFASOMP_23 | SW048 | 0861_SW048_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 2.96 | 4.46 | - | - | 4.65 | - |
| QLD_0861_PFASOMP_24a | SW048 | 0861_SW048_241028 | 28 Oct 2024 | Normal | 1155836 | 1.52 | 2.92 | - | - | 3.37 | - |
| QLD_0861_PFAS | SW049 | 0861_SW049_170914 | 14 Sep 2017 | Normal | EB1719065 | 3.42 | 4.54 | - | - | 4.75 | - |
| QLD_0861_PFAS | SW049 | 0861_SW049_190510 | 10 May 2019 | Normal | EB1911952 | 11.3 | 18.2 | - | - | 19.5 | - |
| QLD_0861_PFASOMP | SW049 | 0861_QC108_200420 | 20 Apr 2020 | Field_D | EB2011246-AC | 3.93 | 6.12 | - | - | 6.4 | - |
| QLD_0861_PFASOMP | SW049 | 0861_QC208_200420 | 20 Apr 2020 | Interlab_D | RN1274652 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_200420 | 20 Apr 2020 | Normal | EB2011246-AC | 3.57 | 4.9 | - | - | 5.2 | - |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_201013 | 13 Oct 2020 | Normal | EB2027176-AA | 7.10 | 10.8 | - | - | 11.4 | - |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_210413 | 13 Apr 2021 | Normal | EB2111121 | 4.62 | 6.81 | - | - | 7.25 | - |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_211020 | 20 Oct 2021 | Normal | EB2130835 | 4.47 | 6.87 | - | - | 7.21 | - |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_220331 | 31 Mar 2022 | Normal | EB2209950 | 0.81 | 0.95 | - | - | 0.97 | - |
| QLD_0861_PFASOMP | SW049 | 0861_QC187_221019 | 19 Oct 2022 | Field_D | EB2231197 | 0.63 | 0.73 | - | - | 0.73 | - |
| QLD_0861_PFASOMP | SW049 | 0861_QC287_221019 | 19 Oct 2022 | Field_D | EB2231197 | 0.61 | 0.72 | - | - | 0.72 | - |
| QLD_0861_PFASOMP | SW049 | 0861_SW049_221019 | 19 Oct 2022 | Normal | EB2231197 | 0.66 | 0.75 | - | - | 0.75 | - |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 1.50 | 1.95 | - | - | 2.05 | - |
| QLD_0861_PFASOMP_23 | SW049 | 0861_SW049_231023 | 28 Oct 2023 | Normal | EB2333894-AA | 1.81 | 2.64 | - | - | 2.78 | - |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC102_240410 | 10 Apr 2024 | Field_D | EB2413950 | 1.22 | 1.51 | - | - | 1.56 | - |
| QLD_0861_PFASOMP_24 | SW049 | 0861_QC202_240410 | 10 Apr 2024 | Interlab_D | RN1427801 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_24 | SW049 | 0861_SW049_240410 | 10 Apr 2024 | Normal | EB2413910 | 1.29 | 1.58 | - | - | 1.62 | - |
| QLD_0861_PFASOMP_24a | SW049 | 0861_SW049_241101 | 01 Nov 2024 | Normal | 1155836 | 1.18 | 1.7 | - | - | 1.82 | - |
| QLD_0861_PFAS | SW050 | 0861_SW50_170530 | 30 May 2017 | Normal | ES1713428 | 0.230 | 0.251 | - | - | 0.360 | - |
| QLD_0861_PFAS | SW050 | 0861_SW050_190501 | 01 May 2019 | Normal | EB1911387 | 0.29 | 0.44 | - | - | 0.46 | - |
| QLD_0861_PFAS | SW050 | 0861_SW050_191119 | 19 Nov 2019 | Normal | EB1931427 | 1.10 | 1.58 | - | - | 1.63 | - |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 1.03 | 1.48 | - | - | 1.54 | - |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_201014 | 14 Oct 2020 | Normal | EB2027176-AA | 0.40 | 0.68 | - | - | 0.68 | - |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_210414 | 14 Apr 2021 | Normal | EB2111121 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_211019 | 19 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW050 | 0861_SW050_220401 | 01 Apr 2022 | Normal | EB2209950 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_230511 | 11 May 2023 | Normal | EB2314270 | 0.22 | 0.26 | - | - | 0.26 | - |
| QLD_0861_PFASOMP_23 | SW050 | 0861_SW050_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.51 | 0.62 | - | - | 0.64 | - |
| QLD_0861_PFASOMP_24 | SW050 | 0861_SW050_240411 | 11 Apr 2024 | Normal | EB2413910 | 0.01 | 0.01 | - | - | 0.01 | - |
| QLD_0861_PFASOMP_24a | SW050 | 0861_SW050_241104 | 04 Nov 2024 | Normal | 1156536 | 0.13 | 0.16 | - | - | 0.17 | - |
| QLD_0861_PFAS | SW051 | 0861_SW51_170602 | 02 Jun 2017 | Normal | EB1711373 | 0.66 | 0.80 | - | - | 0.85 | - |
| QLD_0861_PFAS | SW051 | 0861_SW051_190501 | 01 May 2019 | Normal | EB1911387 | 1.00 | 1.77 | - | - | 1.84 | - |
| QLD_0861_PFAS | SW051 | 0861_SW051_191119 | 19 Nov 2019 | Normal | EB1931427 | 1.07 | 1.53 | - | - | 1.58 | - |
| QLD_0861_PFAS | SW051 | 0861_SW051_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.15 | 0.20 | - | - | 0.20 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 0.51 | 0.62 | - | - | 0.62 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_201014 | 14 Oct 2020 | Normal | EB2027176-AA | 0.45 | 0.86 | - | - | 0.86 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_210413 | 13 Apr 2021 | Normal | EB2111121 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_211019 | 19 Oct 2021 | Normal | EB2130835 | 0.14 | 0.17 | - | - | 0.17 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_220401 | 01 Apr 2022 | Normal | EB2209950 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW051 | 0861_SW051_221020 | 20 Oct 2022 | Normal | EB2231197 | 0.33 | 0.45 | - | - | 0.47 | - |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_230419 | 19 Apr 2023 | Normal | EB2312062-AA | 0.13 | 0.13 | - | - | 0.13 | - |
| QLD_0861_PFASOMP_23 | SW051 | 0861_SW051_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.54 | 0.69 | - | - | 0.72 | - |
| QLD_0861_PFASOMP_24 | SW051 | 0861_SW051_240411 | 11 Apr 2024 | Normal | EB2413910 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP_24a | SW051 | 0861_SW051_241104 | 04 Nov 2024 | Normal | 1156536 | 0.21 | 0.25 | - | - | 0.25 | - |
| QLD_0861_PFAS | SW052 | 0861_QC01_SW_170530 | 30 May 2017 | Field_D | ES1713428 | 0.005 | 0.002 | - | - | 0.005 | - |
| QLD_0861_PFAS | SW052 | 0861_QC02_SW_170530 | 30 May 2017 | Interlab_D | 168440 | - | - | - | - | - | - |
| QLD_0861_PFAS | SW052 | 0861_SW52_170530 | 30 May 2017 | Normal | ES1713428 | 0.005 | 0.004 | - | - | 0.007 | - |
| QLD_0861_PFAS | SW052 | 0861_SW052_190510 | 10 May 2019 | Normal | EB1911952 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW052 | 0861_SW052_191120 | 20 Nov 2019 | Normal | EB1931427 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.01 | 0.1 | - | - | 0.1 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.05 | <0.05 | - | - | <0.05 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW052 | 0861_SW052_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW052 | 0861_SW052_230426 | 26 Apr 2023 | Normal | EB2312761-AA | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP_24 | SW052 | 0861_SW052_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC101_241118 | 18 Nov 2024 | Field_D | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFASOMP_24a | SW052 | 0861_QC201_241118 | 18 Nov 2024 | Interlab_D | 366899 | <0.01 | - | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW052 | 0861_SW052_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW053 | 0861_SW053_171020 | 17 Oct 2017 | Normal | EB1721894 | 5.29 | 3.04 | - | - | 6.27 | - |
| QLD_0861_PFAS | SW053 | SW053_191203 | 03 Dec 2019 | Normal | EB1932627 | 0.82 | 0.98 | - | - | 1.02 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_201021 | 21 Oct 2020 | Normal | EB2027539 | 0.21 | 0.25 | - | - | 0.25 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_210419 | 19 Apr 2021 | Normal | EB2111121 | 0.14 | 0.14 | - | - | 0.14 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_211025 | 25 Oct 2021 | Normal | EB2130835 | 1.01 | 1.21 | - | - | 1.27 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_220406 | 06 Apr 2022 | Normal | EB2209951 | 0.22 | 0.22 | - | - | 0.22 | - |
| QLD_0861_PFASOMP | SW053 | 0861_SW053_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.35 | 0.39 | - | - | 0.41 | - |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_23 | SW053 | 0861_SW053_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.51 | 1.64 | - | - | 1.70 | - |
| QLD_0861_PFASOMP_24 | SW053 | 0861_SW053_240418 | 18 Apr 2024 | Normal | EB2413910 | 0.30 | 0.32 | - | - | 0.32 | - |
| QLD_0861_PFASOMP_24a | SW053 | 0861_SW053_241105 | 05 Nov 2024 | Normal | 1156536 | 0.1 | 0.13 | - | - | 0.13 | - |
| QLD_0861_PFAS | SW056 | 0861_SW056_170914 | 14 Sep 2017 | Normal | EB1719065 | 5.77 | 6.73 | - | - | 7.03 | - |
| QLD_0861_PFAS | SW056 | 0861_SW056_190401 | 01 May 2019 | Normal | EB1911387 | 1.92 | 2.79 | - | - | 2.91 | - |
| QLD_0861_PFAS | SW056 | 0861_QC101_191118 | 18 Nov 2019 | Field_D | EB1931427 | 3.94 | 4.80 | - | - | 5.01 | - |
| QLD_0861_PFAS | SW056 | 0861_QC202_191118 | 18 Nov 2019 | Interlab_D | 231783 | 4.2 | - | - | - | 5.4 | - |
| QLD_0861_PFAS | SW056 | 0861_SW056_191118 | 19 Nov 2019 | Normal | EB1931427 | 4.22 | 5.10 | - | - | 5.31 | - |
| QLD_0861_PFAS | SW056 | 0861_QC102_191118 | 21 Nov 2019 | Field_D | EB1931427 | 3.99 | 4.78 | - | - | 4.99 | - |
| QLD_0861_PFASOMP | SW056 | 0861_QC104_200415 | 15 Apr 2020 | Field_D | EB2010666-AE | 4.59 | 7.34 | - | - | 7.73 | - |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1271947 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_QC204_200415 | 15 Apr 2020 | Interlab_D | RN1274650 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 4.32 | 7.08 | - | - | 7.48 | - |
| QLD_0861_PFASOMP | SW056 | 0861_QC131_201019 | 19 Oct 2020 | Field_D | EB2027539 | 3.72 | 4.53 | - | - | 4.72 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW056 | 0861_QC231_201019 | 19 Oct 2020 | Interlab_D | RN1292508 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_201019 | 19 Oct 2020 | Normal | EB2027539 | 3.85 | 4.70 | - | - | 4.90 | - |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_210330 | 30 Mar 2021 | Normal | EB2108857 | 2.63 | 5.39 | - | - | 5.68 | - |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_211026 | 26 Oct 2021 | Normal | EB2130850 | 2.56 | 4.82 | - | - | 5.12 | - |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_220328 | 28 Mar 2022 | Normal | EB2209950 | 5.81 | 9.59 | - | - | 10.3 | - |
| QLD_0861_PFASOMP | SW056 | 0861_QC191_221021 | 21 Oct 2022 | Field_D | EB2231197 | 4.85 | 6.94 | - | - | 7.39 | - |
| QLD_0861_PFASOMP | SW056 | 0861_QC291_221021 | 21 Oct 2022 | Interlab_D | RN1370747 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW056 | 0861_SW056_221021 | 21 Oct 2022 | Normal | EB2231197 | 5.00 | 7.09 | - | - | 7.55 | - |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 2.20 | 2.94 | - | - | 3.12 | - |
| QLD_0861_PFASOMP_23 | SW056 | 0861_SW056_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 7.77 | 11.8 | - | - | 12.7 | - |
| QLD_0861_PFASOMP_24 | SW056 | 0861_SW056_240409 | 09 Apr 2024 | Normal | EB2413910 | 2.19 | 3.19 | - | - | 3.36 | - |
| QLD_0861_PFASOMP_24a | SW056 | 0861_SW056_241028 | 28 Oct 2024 | Normal | 1155836 | 2.24 | 2.69 | - | - | 2.85 | - |
| QLD_0861_PFAS | SW059 | 0861_SW059_0_170913 | 13 Sep 2017 | Normal | EB1719017 | 1.33 | 1.59 | - | - | 2.49 | - |
| QLD_0861_PFAS | SW059 | 0861_SW059_190429 | 29 Apr 2019 | Normal | EB1911387 | 17.5 | 27.8 | - | - | 29.9 | - |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_201103 | 03 Nov 2020 | Normal | EB2028860 | 15.8 | 23.0 | - | - | 24.5 | - |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_210330 | 30 Mar 2021 | Normal | EB2108857 | 30.7 | 70.9 | - | - | 75.7 | - |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_211026 | 26 Oct 2021 | Normal | EB2130850 | 10.1 | 17.0 | - | - | 18.0 | - |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_220328 | 28 Mar 2022 | Normal | EB2209950 | 1.58 | 2.22 | - | - | 2.36 | - |
| QLD_0861_PFASOMP | SW059 | 0861_SW059_221021 | 21 Oct 2022 | Normal | EB2231197 | 8.68 | 12.3 | - | - | 13.0 | - |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC101_230417 | 17 Apr 2023 | Field_D | EB2312062-AA | 4.78 | 7.35 | - | - | 7.84 | - |
| QLD_0861_PFASOMP_23 | SW059 | 0861_QC201_230417 | 17 Apr 2023 | Interlab_D | RN1393124 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_230417 | 17 Apr 2023 | Normal | EB2312062-AA | 4.94 | 7.64 | - | - | 8.12 | - |
| QLD_0861_PFASOMP_23 | SW059 | 0861_SW059_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 7.32 | 10.5 | - | - | 11.3 | - |
| QLD_0861_PFASOMP_24 | SW059 | 0861_SW059_240409 | 09 Apr 2024 | Normal | EB2413910 | 14.8 | 24.0 | - | - | 25.4 | - |
| QLD_0861_PFASOMP_24a | SW059 | 0861_SW059_241031 | 31 Oct 2024 | Normal | 1155836 | 7.3 | 10.32 | - | - | 11.31 | - |
| QLD_0861_PFAS | SW064 | 0861_SW064_171019 | 19 Oct 2017 | Normal | EB1721835 | 3.27 | 3.50 | - | - | 4.98 | - |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_210419 | 19 Apr 2021 | Normal | EB2111121 | 1.71 | 2.70 | - | - | 2.92 | - |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_211025 | 25 Oct 2021 | Normal | EB2130835 | 1.50 | 2.32 | - | - | 2.48 | - |
| QLD_0861_PFASOMP | SW064 | 0861_QC180_220406 | 06 Apr 2022 | Field_D | EB2209942 | 1.47 | 2.01 | - | - | 2.19 | - |
| QLD_0861_PFASOMP | SW064 | 0861_QC280_220406 | 06 Apr 2022 | Interlab_D | RN1349008 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_220406 | 06 Apr 2022 | Normal | EB2209951 | 1.61 | 2.07 | - | - | 2.21 | - |
| QLD_0861_PFASOMP | SW064 | 0861_SW064_221024 | 24 Oct 2022 | Normal | EB2231825 | 0.73 | 0.83 | - | - | 0.85 | - |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 1.27 | 1.58 | - | - | 1.72 | - |
| QLD_0861_PFASOMP_23 | SW064 | 0861_SW064_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 1.78 | 2.52 | - | - | 2.76 | - |
| QLD_0861_PFASOMP_24 | SW064 | 0861_SW064_240418 | 18 Apr 2024 | Normal | EB2413910 | 2.73 | 4.32 | - | - | 4.64 | - |
| QLD_0861_PFAS | SW067 | 0861_SW067_171020 | 17 Oct 2017 | Normal | EB1721894 | 2.52 | 2.12 | - | - | 3.72 | - |
| QLD_0861_PFAS | SW067 | SW067_191203 | 03 Dec 2019 | Normal | EB1932627 | 50.8 | 63.4 | - | - | 68.0 | - |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 29.6 | 39.8 | - | - | 43.2 | - |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_201021 | 21 Oct 2020 | Normal | EB2027539 | 59.0 | 82.2 | - | - | 88.9 | - |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_210419 | 19 Apr 2021 | Normal | EB2111121 | 32.9 | 43.3 | - | - | 46.8 | - |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_211025 | 25 Oct 2021 | Normal | EB2130835 | 19.5 | 33.7 | - | - | 35.6 | - |
| QLD_0861_PFASOMP | SW067 | 0861_SW067_221024 | 24 Oct 2022 | Normal | EB2231825 | 7.72 | 10.6 | - | - | 11.2 | - |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 40.1 | 61.1 | - | - | 66.9 | - |
| QLD_0861_PFASOMP_23 | SW067 | 0861_SW067_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 12.3 | 19.8 | - | - | 21.2 | - |
| QLD_0861_PFAS | SW076 | 0861_SW076_SW_170912 | 13 Sep 2017 | Normal | EB1718855 | 34.5 | 21.2 | - | - | 47.4 | - |
| QLD_0861_PFAS | SW076 | 0861_SW076_190501 | 01 May 2019 | Normal | EB1911387 | 5.45 | 8.83 | - | - | 9.35 | - |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 4.44 | 6.98 | - | - | 7.51 | - |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_201110 | 10 Nov 2020 | Normal | EB2029508 | 5.08 | 7.19 | - | - | 7.60 | - |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_210330 | 30 Mar 2021 | Normal | EB2108857 | 4.72 | 12.2 | - | - | 12.7 | - |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_211026 | 26 Oct 2021 | Normal | EB2130850 | 3.90 | 6.69 | - | - | 7.09 | - |
| QLD_0861_PFASOMP | SW076 | 0861_SW076_220328 | 28 Mar 2022 | Normal | EB2209950 | 7.36 | 12.5 | - | - | 13.5 | - |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC103_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | 3.74 | 6.30 | - | - | 6.73 | - |
| QLD_0861_PFASOMP_23 | SW076 | 0861_QC203_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_230418 | 18 Apr 2023 | Normal | EB2312062-AA | 3.76 | 6.21 | - | - | 6.65 | - |
| QLD_0861_PFASOMP_23 | SW076 | 0861_SW076_231027 | 27 Oct 2023 | Normal | EB2333887-AA | 6.51 | 10.0 | - | - | 10.8 | - |
| QLD_0861_PFASOMP_24 | SW076 | 0861_SW076_240409 | 09 Apr 2024 | Normal | EB2413910 | 8.11 | 12.2 | - | - | 12.9 | - |
| QLD_0861_PFASOMP_24a | SW076 | 0861_SW076_241028 | 28 Oct 2024 | Normal | 1155836 | 11.3 | 17.09 | - | - | 18.68 | - |
| QLD_0861_PFAS | SW079 | 0861_SW079_171020 | 17 Oct 2017 | Normal | EB1721894 | 14.6 | 11.0 | - | - | 20.1 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 50.2 | 65.3 | - | - | 72.2 | - |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_201021 | 21 Oct 2020 | Normal | EB2027539 | 46.7 | 60.7 | - | - | 65.8 | - |
| QLD_0861_PFASOMP | SW079 | 0861_QC145_210419 | 19 Apr 2021 | Field_D | EB2111121 | 23.3 | 31.1 | - | - | 34.5 | - |
| QLD_0861_PFASOMP | SW079 | 0861_QC245_210419 | 19 Apr 2021 | Interlab_D | RN1313031 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_210419 | 19 Apr 2021 | Normal | EB2111121 | 26.5 | 34.9 | - | - | 39.3 | - |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_211025 | 25 Oct 2021 | Normal | EB2130835 | 0.73 | 0.98 | - | - | 1.03 | - |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_220406 | 06 Apr 2022 | Normal | EB2209951 | 15.6 | 20.2 | - | - | 22.0 | - |
| QLD_0861_PFASOMP | SW079 | 0861_SW079_221024 | 24 Oct 2022 | Normal | EB2231825 | 1.76 | 2.08 | - | - | 2.19 | - |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 16.8 | 21.0 | - | - | 22.6 | - |
| QLD_0861_PFASOMP_23 | SW079 | 0861_SW079_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 0.13 | 0.15 | - | - | 0.15 | - |
| QLD_0861_PFASOMP_24 | SW079 | 0861_SW079_240418 | 18 Apr 2024 | Normal | EB2413910 | 15.8 | 20.2 | - | - | 21.8 | - |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC102_241105 | 05 Nov 2024 | Field_D | 1156536 | 22 | 28.26 | - | - | 31.78 | - |
| QLD_0861_PFASOMP_24a | SW079 | 0861_QC202_241105 | 05 Nov 2024 | Interlab_D | 365856 | 28 | - | - | - | 37 | - |
| QLD_0861_PFASOMP_24a | SW079 | 0861_SW079_241105 | 05 Nov 2024 | Normal | 1156536 | 23 | 28.61 | - | - | 31.54 | - |
| QLD_0861_PFAS | SW080 | 0861_SW080_171020 | 17 Oct 2017 | Normal | EB1721894 | 8.46 | 6.99 | - | - | 11.5 | - |
| QLD_0861_PFAS | SW080 | 0861_SW080_190513 | 13 May 2019 | Normal | EB1912390 | 40.8 | 52.3 | - | - | 56.9 | - |
| QLD_0861_PFAS | SW080 | 0861_QC203_191203 | 03 Dec 2019 | Interlab_D | 232657 | 17 | - | - | - | 22 | - |
| QLD_0861_PFAS | SW080 | QC103_191203 | 03 Dec 2019 | Field_D | EB1932627 | 15.5 | 19.3 | - | - | 20.7 | - |
| QLD_0861_PFAS | SW080 | SW080_191203 | 03 Dec 2019 | Normal | EB1932627 | 14.2 | 15.9 | - | - | 17.0 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 51.5 | 64.8 | - | - | 71.3 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_201021 | 21 Oct 2020 | Normal | EB2027539 | 34.8 | 45.1 | - | - | 49.0 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_210419 | 19 Apr 2021 | Normal | EB2111121 | 55.9 | 70.2 | - | - | 75.4 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_211025 | 25 Oct 2021 | Normal | EB2130835 | 4.97 | 5.82 | - | - | 6.10 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_220406 | 06 Apr 2022 | Normal | EB2209951 | 36.6 | 46.8 | - | - | 51.2 | - |
| QLD_0861_PFASOMP | SW080 | 0861_SW080_221024 | 24 Oct 2022 | Normal | EB2231825 | 1.98 | 1.98 | - | - | 1.98 | - |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_230421 | 21 Apr 2023 | Normal | EB2312062-AA | 45.9 | 56.3 | - | - | 60.6 | - |
| QLD_0861_PFASOMP_23 | SW080 | 0861_SW080_231129 | 29 Nov 2023 | Normal | EB2337879-AA | 5.19 | 6.23 | - | - | 6.62 | - |
| QLD_0861_PFASOMP_24 | SW080 | 0861_SW080_240418 | 18 Apr 2024 | Normal | EB2413910 | 52.6 | 63.8 | - | - | 68.4 | - |
| QLD_0861_PFASOMP_24a | SW080 | 0861_SW080_241105 | 05 Nov 2024 | Normal | 1156536 | 24 | 29.25 | - | - | 32.09 | - |
| QLD_0861_PFAS | SW088 | 0861_SW088_170915 | 15 Sep 2017 | Normal | EB1719132 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.02 | <0.02 | - | - | <0.02 | - |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_QC175_220331 | 31 Mar 2022 | Field_D | EB2209942 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_QC275_220331 | 31 Mar 2022 | Interlab_D | RN1349008 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW088 | 0861_SW088_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_230522 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW088 | 0861_SW088_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW088 | 0861_SW088_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW088 | 0861_SW088_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW089 | 0861_SW089_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW089 | 0861_SW089_190510 | 10 May 2019 | Normal | EB1911952 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_210413 | 13 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_211020 | 20 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW089 | 0861_SW089_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_230522 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW089 | 0861_SW089_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW089 | 0861_SW089_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW089 | 0861_SW089_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW090 | 0861_SW090_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW090 | 0861_QC101_190510 | 10 May 2019 | Field_D | EB1911952 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFAS | SW090 | 0861_QC201_190510 | 10 May 2019 | Interlab_D | 217521 | <0.01 | - | - | - | <0.01 | - |
| QLD_0861_PFAS | SW090 | 0861_SW90_190510 | 10 May 2019 | Normal | EB1911952 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.01 | - | - | <0.01 | - |

Table C-5: Historical Surface Water Analytical Summary Table

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | | | | | | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | | | | | | |
| PFAS NEMP 2020 Recreational Water | | | | | | 2 | | | | | |
| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_201013 | 13 Oct 2020 | Normal | EB2027176-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_211021 | 21 Oct 2021 | Normal | EB2130850 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW090 | 0861_SW090_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW090 | 0861_QC112_230522 | 22 May 2023 | Field_D | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_230522 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW090 | 0861_SW090_231023 | 23 Oct 2023 | Normal | EB2333887-AA | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW090 | 0861_SW090_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW090 | 0861_SW090_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW091 | 0861_SW091_170914 | 14 Sep 2017 | Normal | EB1719065 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_200420 | 20 Apr 2020 | Normal | EB2011246-AC | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_210414 | 14 Apr 2021 | Normal | EB2111121 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_211021 | 21 Oct 2021 | Normal | EB2130835 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_220331 | 31 Mar 2022 | Normal | EB2209950 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP | SW091 | 0861_SW091_221021 | 21 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW091 | 0861_SW091_230522 | 22 May 2023 | Normal | EB2315514 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24 | SW091 | 0861_SW091_240410 | 10 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW091 | 0861_SW091_241118 | 18 Nov 2024 | Normal | 1161658 | <0.01 | <0.05 | - | - | <0.1 | - |
| QLD_0861_PFAS | SW094 | 0861_SW094_170915 | 15 Sep 2017 | Normal | EB1719132 | 0.95 | 1.41 | - | - | 1.51 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_200415 | 15 Apr 2020 | Normal | EB2010666-AE | 1.88 | 2.86 | - | - | 2.99 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_201014 | 14 Oct 2020 | Normal | EB2027176-AA | 0.16 | 0.25 | - | - | 0.25 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_210414 | 14 Apr 2021 | Normal | EB2111121 | 1.47 | 2.65 | - | - | 2.80 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_211022 | 22 Oct 2021 | Normal | EB2130835 | 0.33 | 0.44 | - | - | 0.44 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_220401 | 01 Apr 2022 | Normal | EB2209950 | 2.27 | 3.31 | - | - | 3.54 | - |
| QLD_0861_PFASOMP | SW094 | 0861_SW094_221019 | 19 Oct 2022 | Normal | EB2231197 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_230522 | 22 May 2023 | Normal | EB2315514 | 0.21 | 0.26 | - | - | 0.26 | - |
| QLD_0861_PFASOMP_23 | SW094 | 0861_SW094_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.10 | 0.10 | - | - | 0.10 | - |
| QLD_0861_PFASOMP_24 | SW094 | 0861_SW094_240411 | 11 Apr 2024 | Normal | EB2413910 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP_24a | SW094 | 0861_SW094_241108 | 08 Nov 2024 | Normal | 1158333 | 1.55 | 2.12 | - | - | 2.24 | - |
| QLD_0861_PFAS | SW098 | 0861_SW098_170915 | 15 Sep 2017 | Normal | EB1719132 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFAS | SW098 | 0861_SW098_190506 | 06 May 2019 | Normal | EB1911952 | 0.59 | 1.09 | - | - | 1.12 | - |
| QLD_0861_PFAS | SW098 | 0861_SW098_191120 | 20 Nov 2019 | Normal | EB1931427 | 0.74 | 1.17 | - | - | 1.20 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_200415 | 15 Apr 2020 | Normal | EB2010666-AF | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_201015 | 15 Oct 2020 | Normal | EB2027208-AA | 0.72 | 1.28 | - | - | 1.32 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_210415 | 15 Apr 2021 | Normal | EB2111112 | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_211019 | 19 Oct 2021 | Normal | EB2130815 | 0.16 | 0.21 | - | - | 0.21 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_220401 | 01 Apr 2022 | Normal | EB2209946 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW098 | 0861_SW098_221020 | 20 Oct 2022 | Normal | EB2231202 | 0.43 | 0.57 | - | - | 0.59 | - |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC102_230418 | 18 Apr 2023 | Field_D | EB2312062-AB | 0.15 | 0.15 | - | - | 0.15 | - |
| QLD_0861_PFASOMP_23 | SW098 | 0861_QC202_230418 | 18 Apr 2023 | Interlab_D | RN1393124 | - | - | <0.02 | <0.05 | - | <0.02 |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_230418 | 18 Apr 2023 | Normal | EB2312057 | 0.17 | 0.17 | - | - | 0.17 | - |
| QLD_0861_PFASOMP_23 | SW098 | 0861_SW098_231026 | 26 Oct 2023 | Normal | EB2333898 | 0.54 | 0.70 | - | - | 0.73 | - |
| QLD_0861_PFASOMP_24 | SW098 | 0861_SW098_240412 | 12 Apr 2024 | Normal | EB2413946 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW098 | 0861_SW098_241108 | 08 Nov 2024 | Normal | 1158333 | 0.25 | 0.41 | - | - | 0.41 | - |
| QLD_0861_PFAS | SW099 | 0861_SW099_170915 | 15 Sep 2017 | Normal | EB1719132 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFAS | SW099 | 0861_SW099_190507 | 07 May 2019 | Normal | EB1911952 | 0.03 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFAS | SW099 | 0861_SW099_191127 | 27 Nov 2019 | Normal | EB1932183 | 0.10 | 0.10 | - | - | 0.10 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_201015 | 15 Oct 2020 | Normal | EB2027176-AA | 0.04 | 0.04 | - | - | 0.04 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_210413 | 13 Apr 2021 | Normal | EB2111121 | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_211020 | 20 Oct 2021 | Normal | EB2130835 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_220329 | 29 Mar 2022 | Normal | EB2209951 | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP | SW099 | 0861_SW099_221020 | 20 Oct 2022 | Normal | EB2231197 | 0.12 | 0.12 | - | - | 0.12 | - |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_230419 | 19 Apr 2023 | Normal | EB2312062-AA | <0.02 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_23 | SW099 | 0861_SW099_231024 | 24 Oct 2023 | Normal | EB2333887-AA | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_24 | SW099 | 0861_SW099_240411 | 11 Apr 2024 | Normal | EB2413910 | <0.01 | <0.01 | - | - | <0.01 | - |
| QLD_0861_PFASOMP_24a | SW099 | 0861_SW099_241106 | 06 Nov 2024 | Normal | 1158333 | 0.03 | <0.05 | - | - | <0.1 | - |

**Table C-5: Historical Surface Water Analytical Summary Table**

| | PFAS | | | | | |
|---|---|---|---|---|---|---|
| | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorotadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | 0.002 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2020 Drinking Water | 0.07 | | | | | |
| PFAS NEMP 2020 Freshwater 95% | | | | | | |
| PFAS NEMP 2020 Freshwater 99% | | | | | | |
| PFAS NEMP 2020 Recreational Water | 2 | | | | | |

| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QLD_0861_PFAS | SW100 | 0861_SW100_170918 | 18 Sep 2017 | Normal | EB1719278 | 0.14 | 0.28 | - | - | 0.28 | - |
| QLD_0861_PFAS | SW100 | 0861_QC102_190507 | 07 May 2019 | Field_D | EB1911952 | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFAS | SW100 | 0861_QC202_190507 | 07 May 2019 | Interlab_D | 217521 | 0.08 | - | - | - | 0.08 | - |
| QLD_0861_PFAS | SW100 | 0861_SW100_190507 | 07 May 2019 | Normal | EB1911952 | 0.02 | 0.02 | - | - | 0.02 | - |
| QLD_0861_PFAS | SW100 | 0861_QC203_191127 | 27 Nov 2019 | Interlab_D | 232094-A | 0.09 | - | - | - | 0.09 | - |
| QLD_0861_PFAS | SW100 | 0861_SW100_191127 | 27 Nov 2019 | Normal | EB1932183 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFAS | SW100 | QC103_191127 | 27 Nov 2019 | Field_D | EB1934177 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_200421 | 21 Apr 2020 | Normal | EB2011246-AC | 0.07 | 0.07 | - | - | 0.07 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_201016 | 16 Oct 2020 | Normal | EB2027176-AA | 0.03 | 0.03 | - | - | 0.03 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_210413 | 13 Apr 2021 | Normal | EB2111121 | 0.06 | 0.06 | - | - | 0.06 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_211020 | 20 Oct 2021 | Normal | EB2130835 | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_220329 | 29 Mar 2022 | Normal | EB2209951 | 0.08 | 0.08 | - | - | 0.08 | - |
| QLD_0861_PFASOMP | SW100 | 0861_SW100_221020 | 20 Oct 2022 | Normal | EB2231197 | 0.09 | 0.09 | - | - | 0.09 | - |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_230419 | 19 Apr 2023 | Normal | EB2312062-AA | 0.28 | 0.32 | - | - | 0.32 | - |
| QLD_0861_PFASOMP_23 | SW100 | 0861_SW100_231024 | 24 Oct 2023 | Normal | EB2333887-AB | 0.05 | 0.05 | - | - | 0.05 | - |
| QLD_0861_PFASOMP_24 | SW100 | 0861_SW100_240411 | 11 Apr 2024 | Normal | EB2413910 | *<0.01* | *<0.01* | - | - | *<0.01* | - |
| QLD_0861_PFASOMP_24a | SW100 | 0861_SW100_241106 | 06 Nov 2024 | Normal | 1158333 | 0.06 | 0.06 | - | - | *<0.1* | - |

**Environmental Standards**

HEPA, January 2020, PFAS NEMP 2020 Drinking Water
HEPA, January 2020, PFAS NEMP 2020 Freshwater 95%
HEPA, January 2020, PFAS NEMP 2020 Freshwater 99%
HEPA, January 2020, PFAS NEMP 2020 Recreational Water

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFAS | 0861_SD002_0.4_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0015 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD002_0_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0174 | - | 0.0003 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFAS | 0861_SD002_0.0_190429 | SD002 | 29 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | 0.0015 | <0.0002 | 0.0080 | - | <0.0002 | <0.001 | 0.0062 | 0.0087 |
| QLD_0861_PFASOMP | 0861_SD002_200415 | SD002 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | 0.0013 | <0.0005 | 0.0074 | - | <0.0005 | <0.001 | 0.0009 | 0.0011 |
| QLD_0861_PFASOMP | 0861_SD002_201016 | SD002 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | 0.0019 | <0.0005 | 0.0144 | - | 0.0008 | <0.002 | 0.0031 | 0.0033 |
| QLD_0861_PFASOMP | 0861_SD002_210330 | SD002 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | 0.0006 | <0.0005 | 0.0080 | - | 0.0011 | <0.002 | 0.0010 | 0.0008 |
| QLD_0861_PFASOMP | 0861_SD002_211025 | SD002 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0027 | <0.0002 | 0.0407 | - | 0.0018 | <0.001 | 0.0024 | 0.0021 |
| QLD_0861_PFASOMP | 0861_QC167_220328 | SD002 | 28 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | 0.0010 | <0.0002 | 0.0125 | - | <0.0002 | <0.001 | 0.0005 | 0.0004 |
| QLD_0861_PFASOMP | 0861_QC267_220328 | SD002 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | 0.0014 | <0.001 | 0.018 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD002_220328 | SD002 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD002_221021 | SD002 | 21 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | 0.0009 | <0.0002 | 0.0139 | - | 0.0008 | <0.001 | 0.0002 | 0.0004 |
| QLD_0861_PFASOMP_23 | 0861_SD002_230418 | SD002 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0133 | - | 0.0003 | <0.001 | 0.0004 | 0.0004 |
| QLD_0861_PFASOMP_23 | 0861_SD002_231027 | SD002 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0038 | - | <0.0002 | <0.001 | 0.0002 | 0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD002_240410 | SD002 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0090 | - | <0.0002 | <0.001 | 0.0003 | 0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC102_241031 | SD002 | 31 Oct 2024 | Field_D | 1155836 | <0.005 | <0.005 | <0.005 | <0.005 | 0.037 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_SD002_241031 | SD002 | 31 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0001 | 0.0021 | 0.0003 | 0.038 | 0.0016 | 0.0029 | <0.0005 | 0.0009 | 0.0009 |
| QLD_0861_PFAS | 0861_SD003_0.1_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0017 | 0.0002 | 0.0418 | - | 0.0005 | <0.001 | 0.0004 | 0.0010 |
| QLD_0861_PFAS | 0861_SD003_0_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0186 | - | 0.0011 | <0.001 | 0.0012 | 0.0016 |
| QLD_0861_PFAS | 0861_SD003_0.0_190429 | SD003 | 29 Apr 2019 | Normal | EB1911384 | 0.0006 | 0.0006 | 0.0060 | 0.0007 | 0.0757 | - | 0.0020 | <0.001 | 0.0009 | 0.0018 |
| QLD_0861_PFASOMP | 0861_SD003_200415 | SD003 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0006 | <0.0005 | 0.0039 | <0.0005 | 0.0295 | - | <0.0005 | <0.001 | 0.0016 | 0.0026 |
| QLD_0861_PFASOMP | 0861_SD003_201016 | SD003 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0007 | 0.0008 | 0.0060 | <0.0005 | 0.0304 | - | 0.0012 | <0.002 | 0.0040 | 0.0046 |
| QLD_0861_PFASOMP | 0861_SD003_210330 | SD003 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | 0.0023 | <0.0005 | 0.0092 | - | <0.0005 | <0.002 | 0.0006 | 0.0011 |
| QLD_0861_PFASOMP | 0861_SD003_211022 | SD003 | 22 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0284 | - | 0.0016 | <0.001 | 0.0010 | 0.0010 |
| QLD_0861_PFASOMP | 0861_SD003_220328 | SD003 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD003_221021 | SD003 | 21 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | 0.0046 | 0.0003 | 0.0268 | - | 0.0005 | <0.001 | 0.0021 | 0.0020 |
| QLD_0861_PFASOMP_23 | 0861_SD003_230418 | SD003 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0002 | 0.0002 | 0.0027 | 0.0003 | 0.0268 | - | 0.0004 | <0.001 | 0.0003 | 0.0004 |
| QLD_0861_PFASOMP_23 | 0861_SD003_231027 | SD003 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD003_240410 | SD003 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0013 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD003_241031 | SD003 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0009 | 0.0001 | 0.014 | 0.0002 | 0.0004 | <0.0005 | 0.0002 | 0.0003 |
| QLD_0861_PFAS | 0861_SD04_0.3_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0032 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD04_0_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0046 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD004_0.0_190502 | SD004 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0170 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD004_0.0_191119 | SD004 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0030 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD004_200414 | SD004 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0028 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_201012 | SD004 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0011 | <0.0005 | 0.0047 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_210414 | SD004 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0059 | - | <0.0110 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD004_211019 | SD004 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0045 | - | 0.0005 | <0.001 | 0.0004 | 0.0006 |
| QLD_0861_PFASOMP | 0861_SD004_220329 | SD004 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0013 | - | <0.0062 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD004_221018 | SD004 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0016 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD004_230428 | SD004 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0004 | <0.0002 | 0.0084 | - | <0.107 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD004_231025 | SD004 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0054 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD004_240409 | SD004 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0283 | - | <0.0012 | <0.001 | 0.0006 | 0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD004_241108 | SD004 | 08 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0019 | 0.0001 | 0.0041 | <0.0001 | 0.0009 | <0.0005 | 0.0002 | 0.0009 |
| QLD_0861_PFAS | 0861_SD05_0.3_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | 0.0121 | 0.0014 | 0.531 | - | 0.0041 | <0.001 | <0.0002 | 0.0032 |
| QLD_0861_PFAS | 0861_SD05_0_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | <0.0002 | 0.0004 | 0.0071 | 0.0008 | 0.478 | - | 0.0112 | <0.001 | <0.0002 | 0.0014 |
| QLD_0861_PFAS | 0861_SD005_0.0_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | 0.0012 | 0.0008 | 0.0111 | 0.0006 | 0.126 | - | <0.0010 | <0.001 | 0.0007 | 0.0021 |
| QLD_0861_PFAS | 0861_SD005_0.3_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | 0.0017 | 0.0008 | 0.0122 | 0.0007 | 0.156 | - | <0.0011 | <0.001 | 0.0006 | 0.0022 |
| QLD_0861_PFAS | 0861_SD005_0.0_191118 | SD005 | 18 Nov 2019 | Normal | EB1931427 | 0.0002 | <0.0002 | 0.0009 | <0.0002 | 0.0070 | - | 0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD005_0.3_191119 | SD005 | 19 Nov 2019 | Normal | EB1931427 | 0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0064 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD005_200414 | SD005 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0031 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_201012 | SD005 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0050 | <0.0005 | 0.0348 | - | <0.0005 | <0.002 | <0.0005 | 0.0012 |
| QLD_0861_PFASOMP | 0861_SD005_210412 | SD005 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | 0.0014 | <0.0005 | 0.0201 | - | <0.0038 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_211019 | SD005 | 19 Oct 2021 | Normal | EB2130835 | <0.0006 | <0.0005 | 0.0012 | <0.0005 | 0.0092 | - | <0.0008 | <0.002 | <0.0005 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD005_220329 | SD005 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0023 | - | 0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC183_221018 | SD005 | 18 Oct 2022 | Field_D | EB2231197 | <0.0010 | <0.0010 | 0.0030 | <0.0010 | 0.131 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC283_221018 | SD005 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.001 | 0.0045 | <0.001 | 0.12 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD005_221018 | SD005 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | 0.0049 | <0.0010 | 0.113 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD005_230428 | SD005 | 28 Apr 2023 | Normal | EB2312761-AA | 0.0014 | <0.0010 | 0.0181 | <0.0022 | 0.335 | - | <0.0034 | <0.005 | <0.0010 | 0.0029 |
| QLD_0861_PFASOMP_23 | 0861_SD005_231025 | SD005 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0030 | - | 0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD005_240409 | SD005 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0029 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD005_241108 | SD005 | 08 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0016 | 0.0001 | 0.012 | <0.0001 | 0.0002 | <0.0005 | <0.0002 | 0.0004 |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.0-0.1 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | 0.182 | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.4-0.5 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | 0.196 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.0_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | 0.635 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | 0.507 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | 0.0549 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | 0.034 | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0.4_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | 0.0065 | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | 0.0152 | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED02_170302 | SD008 | 02 Mar 2017 | Normal | EB1704230 | 0.0007 | 0.0007 | 0.009 | 0.0008 | 0.118 | - | 0.0007 | 0.001 | 0.0018 | 0.0017 |
| QLD_0861_PFAS | 0861_SD08_0.3_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | 0.0011 | <0.0002 | 0.0223 | - | 0.0010 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFAS | 0861_SD08_0_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | 0.0010 | <0.0002 | 0.0266 | - | 0.0006 | <0.001 | <0.0002 | 0.0005 |
| QLD_Hist_202012-3 | 0861_SED02_171013 | SD008 | 13 Oct 2017 | Normal | EB1721221 | 0.0002 | <0.0002 | 0.003 | 0.0003 | 0.0495 | - | 0.0006 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFAS | 0861_SD008_0.0_190502 | SD008 | 02 May 2019 | Normal | EB1911384 | <0.0010 | <0.0010 | 0.0020 | <0.0010 | 0.0353 | - | 0.0129 | <0.001 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC107_200417 | SD008 | 17 Apr 2020 | Field_D | EB2010666-AE | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0043 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | 0.0023 | <0.001 | 0.028 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.001 | 0.0023 | <0.001 | 0.028 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD008_200417 | SD008 | 17 Apr 2020 | Normal | EB2010666-AE | 0.0003 | 0.0003 | 0.0031 | <0.0002 | 0.0277 | - | <0.0002 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFASOMP | 0861_SD008_201012 | SD008 | 12 Oct 2020 | Normal | EB2027172 | <0.0022 | <0.0005 | 0.0035 | <0.0005 | 0.0469 | - | <0.0005 | <0.002 | <0.0005 | 0.0008 |
| QLD_0861_PFASOMP | 0861_SD008_210415 | SD008 | 15 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | 0.0033 | <0.0005 | 0.153 | - | 0.0070 | <0.002 | <0.0005 | 0.0006 |
| QLD_0861_PFASOMP | 0861_SD008_211026 | SD008 | 26 Oct 2021 | Normal | EB2130850 | <0.0002 | 0.0003 | 0.0038 | 0.0005 | 0.105 | - | 0.0045 | <0.001 | 0.0005 | 0.0004 |
| QLD_0861_PFASOMP | 0861_SD008_220328 | SD008 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD008_221026 | SD008 | 26 Oct 2022 | Normal | EB2231825 | <0.0002 | <0.0002 | 0.0017 | <0.0002 | 0.0224 | - | 0.0010 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD008_230428 | SD008 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0010 | <0.0012 | 0.0122 | <0.0020 | 0.250 | - | <0.0066 | <0.001 | 0.0011 | 0.0028 |
| QLD_0861_PFASOMP_23 | 0861_SD008_231025 | SD008 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | 0.0016 | <0.0002 | 0.0343 | - | 0.0014 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP_24 | 0861_SD008_240412 | SD008 | 12 Apr 2024 | Normal | EB2413910 | <0.0003 | 0.0003 | 0.0024 | <0.0002 | 0.0276 | - | 0.0053 | <0.001 | <0.0002 | 0.0006 |
| QLD_0861_PFASOMP_24a | 0861_SD008_241106 | SD008 | 06 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0004 | 0.0025 | 0.0002 | 0.019 | 0.0005 | 0.0009 | <0.0005 | 0.0009 | 0.0011 |
| QLD_0861_PFAS | 0861_SD09_0.3_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD09_0_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD009_0.0_190502 | SD009 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0026 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD009_200415 | SD009 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0006 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_201012 | SD009 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0008 | <0.0005 | 0.0044 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_210414 | SD009 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0030 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD009_211022 | SD009 | 22 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0096 | - | <0.0140 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD009_220329 | SD009 | 29 Mar 2022 | Normal | EB2209950 | 0.0007 | 0.0006 | 0.0046 | 0.0005 | 0.0556 | - | 0.0011 | <0.001 | <0.0004 | 0.0009 |
| QLD_0861_PFASOMP_23 | 0861_SD009_230428 | SD009 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0004 | 0.0038 | <0.0010 | 0.0687 | - | <0.0606 | <0.001 | <0.0002 | 0.0006 |
| QLD_0861_PFASOMP_23 | 0861_SD009_231025 | SD009 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0021 | - | <0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD009_240412 | SD009 | 12 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0061 | - | <0.0007 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD009_241108 | SD009 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0013 | <0.0001 | 0.0003 | <0.0005 | <0.0002 | 0.0002 |
| QLD_Hist_202012-3 | E0861_SD09_0.4_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | 0.0442 | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD09_0_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | 0.0473 | - | - | - | - | - |
| QLD_0861_PFAS | 0861_SD011_SD_0.3_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | <0.0002 | 0.0021 | <0.0002 | 0.0176 | - | <0.0002 | <0.001 | <0.0002 | 0.0008 |
| QLD_0861_PFAS | 0861_SD011_SD_0_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | <0.0002 | 0.0012 | <0.0002 | 0.0166 | - | <0.0002 | <0.001 | <0.0002 | 0.0010 |
| QLD_0861_PFAS | 0861_SD011_0.0_190501 | SD011 | 01 May 2019 | Normal | EB1911384 | 0.0012 | 0.0013 | 0.0270 | 0.0023 | 0.367 | - | <0.0002 | 0.001 | 0.0036 | 0.0051 |
| QLD_0861_PFASOMP | 0861_SD011_200414 | SD011 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | 0.0055 | <0.0010 | 0.0540 | - | <0.0010 | <0.001 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD011_201016 | SD011 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0055 | 0.0052 | 0.0424 | 0.0025 | 0.109 | - | <0.0005 | <0.027 | 0.0537 | 0.0314 |
| QLD_0861_PFASOMP | 0861_SD011_210330 | SD011 | 30 Mar 2021 | Normal | EB2108857 | <0.0010 | <0.0010 | 0.0345 | 0.0031 | 0.747 | - | <0.0010 | <0.005 | 0.0048 | 0.0044 |
| QLD_0861_PFASOMP | 0861_SD011_211026 | SD011 | 26 Oct 2021 | Normal | EB2130850 | 0.0013 | 0.0008 | 0.0075 | 0.0008 | 0.0731 | - | <0.0008 | 0.005 | 0.0140 | 0.0096 |
| QLD_0861_PFASOMP | 0861_SD011_220328 | SD011 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0009 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD011_230417 | SD011 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | 0.0009 | <0.0002 | 0.0031 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD011_231024 | SD011 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0005 | 0.0071 | <0.0002 | 0.0976 | - | <0.0002 | 0.001 | <0.0002 | 0.0009 |
| QLD_0861_PFASOMP_24 | 0861_SD011_240409 | SD011 | 09 Apr 2024 | Normal | EB2413910 | <0.0003 | 0.0003 | 0.0038 | <0.0002 | 0.0369 | - | <0.0002 | <0.001 | 0.0002 | 0.0009 |
| QLD_0861_PFASOMP_24a | 0861_SD011_241031 | SD011 | 31 Oct 2024 | Normal | 1173066 | 0.0012 | 0.0017 | 0.018 | 0.0019 | 0.12 | 0.0008 | 0.0003 | 0.0013 | 0.0005 | 0.0031 |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.0-0.1 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | 0.363 | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.4-0.5 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | 0.0167 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.0_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | 0.0095 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | 0.0129 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC1_SD_130117 | SD015 | 17 Jan 2013 | Field_D | EB1301006 | - | - | - | - | 0.0161 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | 0.0348 | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | 0.0116 | - | - | - | - | - |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_SD106_0.4_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | 0.0205 | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD106_0_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | 0.001 | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED10_170302 | SD015 | 02 Mar 2017 | Normal | EB1704230 | <0.001 | <0.001 | 0.0014 | <0.001 | 0.01 | - | <0.001 | <0.001 | <0.001 | 0.0011 |
| QLD_0861_PFAS | 0861_SD15_0.3_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | 0.0049 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD15_0_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | 0.0004 | 0.0023 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_Hist_202012-3 | 0861_SED10_171016 | SD015 | 16 Oct 2017 | Normal | EB1721395 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0098 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFAS | 0861_SD015_0.0_190430 | SD015 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0177 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD015_0.0_191119 | SD015 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0149 | - | 0.0012 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD015_200414 | SD015 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0013 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_201012 | SD015 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0010 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_210412 | SD015 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0057 | - | <0.0006 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD015_211019 | SD015 | 19 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0018 | <0.0012 | <0.0154 | - | <0.0012 | <0.006 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD015_220329 | SD015 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0036 | - | <0.0020 | <0.001 | 0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD015_221018 | SD015 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0042 | - | 0.0006 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD015_230426 | SD015 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0057 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD015_231025 | SD015 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0069 | - | <0.0003 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP_24 | 0861_SD015_240409 | SD015 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0062 | - | <0.0252 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD015_241107 | SD015 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0014 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | 0.0011 |
| QLD_0861_PFAS | 0861_SD16_0.3_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | 0.0011 | 0.0005 | 0.0046 | 0.0014 | 0.242 | - | 0.0020 | <0.001 | 0.0003 | 0.0025 |
| QLD_0861_PFAS | 0861_SD16_0_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | 0.0020 | 0.0010 | 0.0084 | 0.0046 | 0.580 | - | 0.0053 | <0.001 | 0.0012 | 0.0041 |
| QLD_0861_PFAS | 0861_SD016_0.0_190430 | SD016 | 30 Apr 2019 | Normal | EB1911384 | <0.0013 | <0.0002 | 0.0012 | 0.0002 | 0.0086 | - | <0.0002 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFAS | 0861_SD016_0.0_191119 | SD016 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0029 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD016_200414 | SD016 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0010 | 0.0040 | - | <0.0010 | <0.001 | <0.0010 | 0.0014 |
| QLD_0861_PFASOMP | 0861_SD016_201012 | SD016 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0060 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_210412 | SD016 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0046 | - | <0.0014 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_211019 | SD016 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | 0.0024 | <0.0005 | 0.0104 | - | <0.0005 | <0.002 | <0.0005 | 0.0008 |
| QLD_0861_PFASOMP | 0861_SD016_220329 | SD016 | 29 Mar 2022 | Normal | EB2209950 | 0.0005 | 0.0006 | 0.0060 | <0.0005 | 0.0054 | - | <0.0018 | <0.002 | 0.0008 | 0.0023 |
| QLD_0861_PFASOMP | 0861_SD016_221018 | SD016 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | 0.0061 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD016_230428 | SD016 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0004 | <0.0014 | 0.0045 | - | <0.0032 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD016_231025 | SD016 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0035 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD016_240409 | SD016 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0024 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD016_241105 | SD016 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0013 | <0.0001 | 0.0053 | <0.0001 | <0.0001 | <0.0005 | 0.0001 | 0.0005 |
| QLD_0861_PFAS | 0861_SD18_0.3_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0030 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD18_0_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0059 | - | 0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD018_0.0_190430 | SD018 | 30 Apr 2019 | Normal | EB1911384 | <0.0014 | <0.0002 | 0.0018 | <0.0002 | 0.0190 | - | 0.0003 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFAS | 0861_SD018_191119 | SD018 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0035 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD018_200414 | SD018 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0007 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_201012 | SD018 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0005 | <0.0005 | 0.0022 | - | <0.0005 | <0.002 | 0.0007 | 0.0016 |
| QLD_0861_PFASOMP | 0861_SD018_210412 | SD018 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0104 | - | 0.0287 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_211019 | SD018 | 19 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | 0.0064 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD018_220329 | SD018 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0032 | 0.0003 | 0.0248 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD018_221018 | SD018 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0080 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD018_231025 | SD018 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0058 | - | <0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD018_240409 | SD018 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0034 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_QC102_241106 | SD018 | 06 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | 0.011 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC202_241106 | SD018 | 06 Nov 2024 | Interlab_D | 366584 | <0.0001 | <0.0001 | 0.0009 | <0.0001 | 0.0077 | - | 0.0004 | <0.0002 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD018_241106 | SD018 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0002 | 0.0014 | <0.0001 | 0.0019 | 0.0001 | 0.0001 | <0.0005 | 0.0003 | 0.0006 |
| QLD_0861_PFASOMP_24a | 0861_QC202_241107 | SD018 | 07 Nov 2024 | Interlab_D | 367094 | <0.0001 | <0.0001 | 0.0001 | <0.0001 | 0.0005 | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 |
| QLD_0861_PFAS | 0861_SD20_0.2_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0092 | - | 0.0004 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFAS | 0861_SD20_0_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0053 | - | 0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD020_0.0_190430 | SD020 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0032 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD020_191119 | SD020 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0021 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD020_200415 | SD020 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0012 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC120_201012 | SD020 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0033 | - | <0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC220_201012 | SD020 | 12 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0057 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD020_201012 | SD020 | 12 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0015 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD020_210412 | SD020 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0085 | - | 0.0010 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFASOMP | 0861_SD020_211019 | SD020 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0038 | - | 0.0007 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD020_220329 | SD020 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0034 | - | 0.0009 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC284_221018 | SD020 | 18 Oct 2022 | Field_D | EB2231197 | <0.0002 | <0.0002 | 0.0010 | <0.0002 | 0.0190 | - | 0.0015 | <0.001 | 0.0002 | 0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD020_221018 | SD020 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | **0.0007** | <0.0002 | **0.0126** | - | **0.0009** | <0.001 | **0.0002** | **0.0003** |
| QLD_0861_PFASOMP | 0861_QC184_221019 | SD020 | 19 Oct 2022 | Field_D | EB2231197 | <0.0002 | <0.0002 | **0.0010** | <0.0002 | **0.0166** | - | **0.0011** | <0.001 | **0.0002** | **0.0005** |
| QLD_0861_PFASOMP_23 | 0861_SD020_230428 | SD020 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | **0.0006** | <0.0005 | <0.0090 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD020_231025 | SD020 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0064** | - | <0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC101_240409 | SD020 | 09 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0034** | - | <0.0004 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC201_240409 | SD020 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD020_240409 | SD020 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | **0.0002** | <0.0002 | **0.0041** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD020_241106 | SD020 | 06 Nov 2024 | Normal | 1173066 | **0.0002** | **0.0001** | **0.0012** | <0.0001 | **0.0067** | **0.0003** | **0.0004** | <0.0005 | **0.0002** | **0.0005** |
| QLD_0861_PFAS | 0861_SD021_0.3_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | **0.0004** | **0.0002** | **0.0027** | **0.0013** | **0.166** | - | **0.0014** | <0.001 | <0.0002 | **0.0015** |
| QLD_0861_PFAS | 0861_SD021_0_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | **0.0009** | **0.0009** | **0.0167** | **0.0054** | **0.700** | - | **0.0623** | <0.001 | **0.0015** | **0.0086** |
| QLD_0861_PFAS | 0861_SD021_0.0_190503 | SD021 | 03 May 2019 | Normal | EB1911384 | <0.0005 | **0.0008** | **0.0163** | **0.0007** | **0.255** | - | **0.0077** | <0.001 | **0.0005** | **0.0015** |
| QLD_0861_PFASOMP | 0861_SD021_200420 | SD021 | 20 Apr 2020 | Normal | EB2011246-AC | **0.0019** | **0.0042** | **0.0864** | **0.008** | **0.615** | - | **0.017** | <0.005 | **0.0019** | **0.0069** |
| QLD_0861_PFASOMP | 0861_SD021_201014 | SD021 | 14 Oct 2020 | Normal | EB2027172 | **0.0098** | **0.0111** | **0.0888** | **0.0047** | **0.227** | - | **0.0079** | **0.008** | **0.0177** | **0.0377** |
| QLD_0861_PFASOMP | 0861_SD021_210330 | SD021 | 30 Mar 2021 | Normal | EB2108857 | **0.0009** | **0.0011** | **0.0052** | <0.0002 | **0.0170** | - | **0.0012** | <0.001 | **0.0011** | **0.0035** |
| QLD_0861_PFASOMP | 0861_QC158_211021 | SD021 | 21 Oct 2021 | Field_D | EB2130835 | **0.0004** | <0.0002 | **0.0029** | **0.0002** | **0.0384** | - | **0.0041** | <0.001 | **0.0007** | **0.0014** |
| QLD_0861_PFASOMP | 0861_QC258_211021 | SD021 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | **0.0027** | <0.001 | **0.037** | <0.001 | **0.002** | <0.002 | <0.002 | **0.0012** |
| QLD_0861_PFASOMP | 0861_SD021_211021 | SD021 | 21 Oct 2021 | Normal | EB2130835 | **0.0003** | **0.0002** | **0.0018** | **0.0002** | **0.0284** | - | **0.0032** | <0.001 | **0.0004** | **0.0009** |
| QLD_0861_PFASOMP | 0861_SD021_220331 | SD021 | 31 Mar 2022 | Normal | EB2209950 | <0.0244 | <0.0244 | <0.0244 | <0.0244 | **0.130** | - | <0.0244 | <0.122 | <0.0244 | <0.0244 |
| QLD_0861_PFASOMP | 0861_SD021_221021 | SD021 | 21 Oct 2022 | Normal | EB2231197 | **0.0010** | **0.0011** | **0.0133** | **0.0017** | **0.111** | - | **0.0117** | <0.001 | **0.0010** | **0.0033** |
| QLD_0861_PFASOMP_23 | 0861_SD021_230426 | SD021 | 26 Apr 2023 | Normal | EB2312761-AA | **0.0011** | **0.0010** | **0.0065** | **0.0005** | **0.0446** | - | **0.0028** | <0.001 | **0.0007** | **0.0018** |
| QLD_0861_PFASOMP_23 | 0861_SD021_231023 | SD021 | 23 Oct 2023 | Normal | EB2333894-AA | **0.0092** | **0.0081** | **0.0503** | **0.0038** | **0.337** | - | **0.0235** | **0.005** | **0.0060** | **0.0163** |
| QLD_0861_PFASOMP_24 | 0861_SD021_240410 | SD021 | 10 Apr 2024 | Normal | EB2413910 | <0.0010 | **0.0011** | **0.0136** | <0.0020 | **0.303** | - | **0.0134** | <0.005 | <0.0010 | **0.0016** |
| QLD_0861_PFASOMP_24a | 0861_SD021_241101 | SD021 | 01 Nov 2024 | Normal | 1173066 | **0.0003** | **0.0003** | **0.0038** | **0.0010** | **0.11** | **0.0024** | **0.013** | <0.0005 | **0.0007** | **0.0023** |
| QLD_0861_PFAS | 0861_SD25_0_170601 | SD025 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD025_0.0_190507 | SD025 | 07 May 2019 | Normal | EB1911952 | **0.0005** | <0.0002 | <0.0002 | <0.0002 | <0.0005 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC102_191120 | SD025 | 20 Nov 2019 | Field_D | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC202_191120 | SD025 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 |
| QLD_0861_PFAS | 0861_SD025_0.0_191120 | SD025 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC103_200415 | SD025 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | - | <0.0010 | <0.001 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1274649 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_200415 | SD025 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | - | <0.0020 | <0.002 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC125_201014 | SD025 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC225_201014 | SD025 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_201014 | SD025 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC150_210421 | SD025 | 21 Apr 2021 | Field_D | EB2111121 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC250_210421 | SD025 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_210421 | SD025 | 21 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD025_211022 | SD025 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0007 | - | <0.0014 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC170_220328 | SD025 | 28 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC270_220328 | SD025 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_220328 | SD025 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD025_221020 | SD025 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC109_230426 | SD025 | 26 Apr 2023 | Field_D | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0003** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC209_230426 | SD025 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD025_230426 | SD025 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0005** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD025_231026 | SD025 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC105_240412 | SD025 | 12 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC205_240412 | SD025 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD025_240412 | SD025 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_QC103_241112 | SD025 | 12 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC203_241112 | SD025 | 12 Nov 2024 | Interlab_D | 366901 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | **0.0005** | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 |
| QLD_0861_PFASOMP_24a | 0861_SD025_241112 | SD025 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | **0.0002** | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD26_0.3_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | **0.0040** | **0.0004** | **0.0319** | - | <0.0002 | <0.001 | <0.0002 | **0.0003** |
| QLD_0861_PFAS | 0861_SD26_0_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | **0.0037** | <0.0002 | **0.0308** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD026_190507 | SD026 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | **0.0008** | <0.0002 | **0.0084** | - | <0.0002 | <0.001 | <0.0002 | **0.0003** |
| QLD_0861_PFAS | 0861_QC102_191127 | SD026 | 27 Nov 2019 | Field_D | EB1932183 | **0.0002** | **0.0003** | **0.0026** | <0.0002 | **0.0306** | - | **0.0010** | <0.001 | **0.0005** | **0.0010** |
| QLD_0861_PFAS | 0861_QC202_191127 | SD026 | 27 Nov 2019 | Interlab_D | 232094 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.01** | - | **0.001** | <0.0004 | <0.0004 | <0.0002 |
| QLD_0861_PFAS | 0861_SD026_191127 | SD026 | 27 Nov 2019 | Normal | EB1932183 | <0.0002 | <0.0002 | **0.0019** | <0.0002 | **0.0264** | - | **0.0008** | <0.001 | **0.0004** | **0.0008** |
| QLD_0861_PFASOMP | 0861_SD026_200421 | SD026 | 21 Apr 2020 | Normal | EB2011255 | <0.0005 | <0.0005 | **0.0008** | <0.0005 | **0.0021** | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD026_201015 | SD026 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | 0.0006 | <0.0005 | 0.0087 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_210416 | SD026 | 16 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0089 | - | <0.0015 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD026_211020 | SD026 | 20 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0056 | - | <0.0010 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD026_220401 | SD026 | 01 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0029 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD026_221020 | SD026 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | 0.0061 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD026_230419 | SD026 | 19 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0053 | - | 0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD026_231024 | SD026 | 24 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0005 | <0.0002 | 0.0240 | - | <0.0012 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC103_240411 | SD026 | 11 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0075 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC203_240411 | SD026 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0046 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD026_240411 | SD026 | 11 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0075 | - | <0.0002 | <0.001 | <0.0002 | <0.0004 |
| QLD_0861_PFASOMP_24a | 0861_SD026_241108 | SD026 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0006 | <0.0001 | 0.0043 | <0.0001 | 0.0003 | <0.0005 | 0.0001 | 0.0004 |
| QLD_0861_PFAS | 0861_SD027_0_170913 | SD027 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0014 | 0.0003 | 0.0151 | - | <0.0002 | <0.001 | <0.0002 | 0.0008 |
| QLD_0861_PFAS | 0861_QC102_0.0_190502 | SD027 | 02 May 2019 | Field_D | EB1911384 | <0.0028 | <0.0012 | 0.0067 | <0.0012 | 0.0847 | - | <0.0012 | <0.001 | <0.0012 | <0.0012 |
| QLD_0861_PFAS | 0861_QC202_0.0_190502 | SD027 | 02 May 2019 | Interlab_D | 217104 | <0.0002 | 0.0003 | 0.0049 | 0.0006 | 0.063 | - | 0.0026 | 0.0004 | 0.001 | 0.0012 |
| QLD_0861_PFAS | 0861_SD027_0.0_190502 | SD027 | 02 May 2019 | Normal | EB1911384 | <0.0020 | <0.0010 | 0.0050 | <0.0010 | 0.0575 | - | <0.0010 | <0.001 | <0.0010 | 0.0010 |
| QLD_0861_PFASOMP | 0861_SD027_200415 | SD027 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0005 | - | <0.0005 | <0.001 | <0.0005 | <0.0008 |
| QLD_0861_PFASOMP | 0861_SD027_201016 | SD027 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | 0.0018 | <0.0005 | 0.0168 | - | <0.0005 | <0.004 | 0.0006 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD027_210330 | SD027 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | 0.0005 | 0.0065 | 0.0006 | 0.0608 | - | <0.0005 | <0.002 | 0.0027 | 0.0031 |
| QLD_0861_PFASOMP | 0861_SD027_211026 | SD027 | 26 Oct 2021 | Normal | EB2130850 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0083 | - | <0.0002 | <0.001 | 0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD027_220328 | SD027 | 28 Mar 2022 | Normal | EB2209950 | 0.0024 | 0.0036 | 0.0490 | 0.0043 | 0.142 | - | <0.0022 | <0.005 | 0.0020 | 0.0086 |
| QLD_0861_PFASOMP | 0861_SD027_221021 | SD027 | 21 Oct 2022 | Normal | EB2231197 | 0.0010 | 0.0016 | 0.0210 | 0.0016 | 0.105 | - | 0.0010 | 0.001 | 0.0017 | 0.0070 |
| QLD_0861_PFASOMP_23 | 0861_SD027_230417 | SD027 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0047 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD027_231024 | SD027 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0003 | 0.0003 | 0.0030 | <0.0005 | 0.0243 | - | <0.0003 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP_24 | 0861_SD027_240409 | SD027 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | 0.0005 | 0.0049 | <0.0008 | 0.0422 | - | <0.0002 | <0.001 | <0.0002 | 0.0006 |
| QLD_0861_PFASOMP_24a | 0861_SD027_241028 | SD027 | 28 Oct 2024 | Normal | 1173066 | 0.0002 | 0.0002 | 0.0017 | 0.0002 | 0.014 | <0.0001 | 0.0001 | <0.0005 | <0.0002 | 0.0003 |
| QLD_0861_PFAS | 0861_SD28_0.3_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | 0.0002 | <0.0002 | 0.0041 | 0.0004 | 0.0257 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD28_0_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | 0.0011 | <0.0002 | 0.0106 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD028_0.0_190502 | SD028 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0021 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC101_200414 | SD028 | 14 Apr 2020 | Field_D | EB2010666-AE | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0063 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | 0.0012 | <0.001 | 0.013 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.001 | 0.0012 | <0.001 | 0.013 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD028_200414 | SD028 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0002 | <0.0002 | 0.0007 | <0.0002 | 0.0055 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD028_201012 | SD028 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0009 | <0.0005 | 0.0076 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_210412 | SD028 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | 0.0036 | <0.0005 | 0.118 | - | 0.0023 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC154_211019 | SD028 | 19 Oct 2021 | Field_D | EB2130835 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0054 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC254_211019 | SD028 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | 0.0011 | <0.001 | 0.012 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD028_211019 | SD028 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0011 | <0.0002 | 0.0090 | - | <0.0002 | <0.001 | 0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD028_220329 | SD028 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | 0.0016 | <0.0005 | 0.0271 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_221018 | SD028 | 21 Oct 2022 | Normal | EB2231197 | 0.0013 | <0.0010 | 0.0147 | 0.0017 | 0.453 | - | 0.0104 | <0.005 | <0.0010 | 0.0013 |
| QLD_0861_PFASOMP_23 | 0861_SD028_230509 | SD028 | 09 May 2023 | Normal | EB2314270 | <0.0002 | <0.0002 | 0.0006 | <0.0002 | 0.0124 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_Stage2_23 | 0861_SD028_230810 | SD028 | 10 Aug 2023 | Normal | 1018693 | <0.005 | <0.005 | <0.005 | <0.005 | 0.022 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_23 | 0861_SD028_231025 | SD028 | 25 Oct 2023 | Normal | EB2333894-AA | 0.0005 | <0.0002 | 0.0015 | <0.0002 | 0.0196 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC100_240409 | SD028 | 09 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0145 | - | 0.0004 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC200_240409 | SD028 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | 0.015 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD028_240409 | SD028 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0150 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_QC105_241107 | SD028 | 07 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | 0.011 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_SD028_241107 | SD028 | 07 Nov 2024 | Normal | 1173066 | 0.0001 | <0.0001 | 0.0009 | <0.0001 | 0.011 | <0.0001 | 0.0003 | <0.0005 | 0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD030_0.3_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0008 | 0.0004 | 0.111 | - | 0.0002 | <0.001 | <0.0002 | 0.0006 |
| QLD_0861_PFAS | 0861_SD030_0_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | 0.0008 | 0.0008 | 0.0080 | 0.0006 | 0.0390 | - | 0.0007 | <0.001 | 0.0039 | 0.0060 |
| QLD_0861_PFAS | 0861_QC102_0.0_190429 | SD030 | 29 Apr 2019 | Field_D | EB1911384 | <0.0005 | <0.0005 | 0.0060 | <0.0005 | 0.153 | - | <0.0005 | <0.001 | 0.0039 | 0.0016 |
| QLD_0861_PFAS | 0861_QC202_0.0_190429 | SD030 | 29 Apr 2019 | Interlab_D | 217104 | 0.0003 | 0.0004 | 0.0098 | 0.0019 | 0.38 | - | 0.001 | 0.0027 | 0.0054 | 0.0021 |
| QLD_0861_PFAS | 0861_SD030_0.0_190429 | SD030 | 29 Apr 2019 | Normal | EB1911384 | 0.0004 | 0.0006 | 0.0084 | 0.0010 | 0.196 | - | 0.0003 | 0.003 | 0.0051 | 0.0024 |
| QLD_0861_PFAS | 0861_SD030_0.3_190513 | SD030 | 13 May 2019 | Normal | EB1912390 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0466 | - | <0.0002 | <0.001 | 0.0008 | 0.0005 |
| QLD_0861_PFASOMP | 0861_SD030_200415 | SD030 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | 0.0037 | <0.0005 | 0.0371 | - | <0.0005 | <0.001 | 0.0021 | 0.0020 |
| QLD_0861_PFASOMP | 0861_SD030_201016 | SD030 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0010 | <0.0010 | 0.0035 | <0.0010 | 0.0440 | - | <0.0010 | <0.005 | 0.0011 | 0.0014 |
| QLD_0861_PFASOMP | 0861_QC138_210330 | SD030 | 30 Mar 2021 | Field_D | EB2108857 | <0.0005 | <0.0005 | 0.0090 | 0.0009 | 0.134 | - | <0.0005 | 0.003 | 0.0061 | 0.0039 |
| QLD_0861_PFASOMP | 0861_QC238_210330 | SD030 | 30 Mar 2021 | Interlab_D | RN1310437 | 0.0011 | <0.001 | 0.011 | <0.001 | 0.13 | <0.001 | <0.001 | 0.003 | 0.0054 | 0.0042 |
| QLD_0861_PFASOMP | 0861_SD030_210330 | SD030 | 30 Mar 2021 | Normal | EB2108857 | <0.0026 | <0.0026 | 0.0076 | <0.0026 | 0.106 | - | <0.0026 | <0.013 | 0.0057 | 0.0033 |
| QLD_0861_PFASOMP | 0861_QC164_211026 | SD030 | 26 Oct 2021 | Field_D | EB2130850 | 0.0015 | 0.0010 | 0.0131 | 0.0016 | 0.187 | - | 0.0007 | 0.002 | 0.0040 | 0.0046 |
| QLD_0861_PFASOMP | 0861_QC264_211026 | SD030 | 26 Oct 2021 | Interlab_D | RN1333717 | 0.0011 | 0.0014 | 0.014 | 0.0013 | 0.16 | <0.001 | <0.001 | <0.002 | 0.005 | 0.0046 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD030_211026 | SD030 | 26 Oct 2021 | Normal | EB2130850 | 0.0014 | 0.0010 | 0.0111 | 0.0014 | 0.132 | - | 0.0008 | 0.002 | 0.0036 | 0.0048 |
| QLD_0861_PFASOMP | 0861_SD030_220328 | SD030 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD030_221021 | SD030 | 21 Oct 2022 | Normal | EB2231197 | 0.0018 | 0.0022 | 0.0336 | 0.0058 | 0.296 | - | 0.0022 | 0.002 | 0.0048 | 0.0070 |
| QLD_0861_PFASOMP_23 | 0861_SD030_230417 | SD030 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | 0.0012 | <0.0002 | 0.0089 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD030_231024 | SD030 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | 0.0023 | <0.0004 | 0.0388 | - | <0.0004 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD030_240409 | SD030 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | 0.0011 | 0.0128 | <0.0014 | 0.176 | - | <0.0005 | <0.002 | 0.0018 | 0.0030 |
| QLD_0861_PFASOMP_24a | 0861_SD030_241028 | SD030 | 28 Oct 2024 | Normal | 1173066 | 0.0001 | 0.0002 | 0.0016 | 0.0002 | 0.019 | 0.0002 | 0.0003 | 0.0013 | 0.0035 | 0.0020 |
| QLD_0861_PFAS | 0861_SD033_0.3_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | 0.0003 | 0.0004 | 0.0045 | 0.0010 | 0.242 | - | 0.0024 | <0.001 | 0.0008 | 0.0035 |
| QLD_0861_PFAS | 0861_SD033_0_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | 0.0002 | 0.0019 | 0.0002 | 0.0432 | - | 0.0070 | <0.001 | 0.0008 | 0.0028 |
| QLD_0861_PFAS | 0861_SD033_0.0_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | 0.0069 | <0.0005 | 0.411 | - | 0.0917 | <0.001 | 0.0010 | 0.0045 |
| QLD_0861_PFAS | 0861_SD033_0.3_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | 0.0058 | <0.0005 | 0.274 | - | 0.0781 | <0.001 | 0.0007 | 0.0029 |
| QLD_0861_PFASOMP | 0861_SD033_200427 | SD033 | 27 Apr 2020 | Normal | EB2011562 | 0.0011 | 0.0014 | 0.0132 | 0.0014 | 0.211 | - | 0.0956 | 0.002 | 0.0022 | 0.0078 |
| QLD_0861_PFASOMP | 0861_SD033_201016 | SD033 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0021 | 0.0023 | 0.0154 | <0.0010 | 0.0587 | - | 0.0063 | 0.008 | 0.0144 | 0.0093 |
| QLD_0861_PFASOMP | 0861_SD033_210415 | SD033 | 15 Apr 2021 | Normal | EB2111116 | 0.0045 | 0.0080 | 0.0884 | 0.0066 | 0.915 | - | 0.0630 | <0.005 | 0.0066 | 0.0237 |
| QLD_0861_PFASOMP | 0861_SD033_211026 | SD033 | 26 Oct 2021 | Normal | EB2130850 | 0.0011 | 0.0013 | 0.0132 | 0.0016 | 0.310 | - | 0.0213 | <0.001 | 0.0016 | 0.0043 |
| QLD_0861_PFASOMP | 0861_SD033_220405 | SD033 | 05 Apr 2022 | Normal | EB2209950 | 0.0012 | 0.0021 | 0.0174 | 0.0012 | 0.176 | - | 0.0189 | <0.001 | 0.0013 | 0.0050 |
| QLD_0861_PFASOMP | 0861_QC194_221025 | SD033 | 25 Oct 2022 | Field_D | EB2231825 | 0.0003 | 0.0006 | 0.0063 | 0.0004 | 0.133 | - | 0.0063 | <0.001 | 0.0006 | 0.0022 |
| QLD_0861_PFASOMP | 0861_QC294_221025 | SD033 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.001 | <0.001 | 0.013 | <0.001 | 0.21 | 0.0015 | 0.006 | <0.002 | <0.002 | 0.0032 |
| QLD_0861_PFASOMP | 0861_SD033_221025 | SD033 | 25 Oct 2022 | Normal | EB2231825 | 0.0005 | 0.0009 | 0.0138 | 0.0009 | 0.207 | - | 0.0145 | <0.001 | 0.0012 | 0.0043 |
| QLD_0861_PFASOMP_23 | 0861_SD033_230427 | SD033 | 27 Apr 2023 | Normal | EB2312761-AA | 0.0057 | 0.0119 | 0.105 | 0.0063 | 0.468 | - | <0.0176 | <0.005 | 0.0067 | 0.0174 |
| QLD_0861_PFASOMP_23 | 0861_SD033_231030 | SD033 | 30 Oct 2023 | Normal | EB2333894-AA | 0.0086 | 0.0057 | 0.0309 | 0.0030 | 0.291 | - | 0.0093 | 0.005 | 0.0064 | 0.0118 |
| QLD_0861_PFASOMP_24 | 0861_SD033_240409 | SD033 | 09 Apr 2024 | Normal | EB2413910 | 0.0025 | 0.0030 | 0.0273 | <0.0024 | 0.305 | - | 0.257 | <0.002 | 0.0023 | 0.0105 |
| QLD_0861_PFAS | 0861_SD34_0_170601 | SD034 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | 0.0007 | 0.0083 | 0.0007 | 0.0732 | - | 0.0008 | <0.001 | <0.0002 | 0.0012 |
| QLD_0861_PFAS | 0861_SD034_0.0_190430 | SD034 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0055 | - | 0.0006 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD034_191119 | SD034 | 19 Nov 2019 | Normal | EB1931427 | 0.0002 | <0.0002 | 0.0009 | <0.0002 | 0.0066 | - | <0.0002 | <0.001 | 0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD034_200414 | SD034 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0018 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_201012 | SD034 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0109 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_210412 | SD034 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0318 | - | <0.0008 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD034_211019 | SD034 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0008 | <0.0005 | 0.0054 | - | <0.0008 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_220329 | SD034 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0039 | - | 0.0010 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP | 0861_SD034_221018 | SD034 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | 0.0056 | <0.0005 | 0.0565 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD034_230428 | SD034 | 28 Apr 2023 | Normal | EB2312761-AA | 0.0006 | 0.0007 | 0.0060 | 0.0005 | 0.0693 | - | <0.0002 | <0.001 | 0.0003 | 0.0008 |
| QLD_0861_PFASOMP_23 | 0861_SD034_231025 | SD034 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0035 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD034_240409 | SD034 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0026 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD034_241106 | SD034 | 06 Nov 2024 | Normal | 1173066 | 0.0001 | 0.0001 | 0.0014 | 0.0001 | 0.013 | 0.0001 | <0.0001 | <0.0005 | 0.0001 | 0.0003 |
| QLD_0861_PFAS | 0861_SED36_0.3_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0010 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SED36_0_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0005 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD036_0_180119 | SD036 | 18 Jan 2018 | Normal | EB1802500 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0015 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD036_0.0_190501 | SD036 | 01 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0041 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD036_200415 | SD036 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0048 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_201014 | SD036 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0024 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC143_210414 | SD036 | 14 Apr 2021 | Field_D | EB2111121 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0070 | - | 0.0644 | <0.002 | <0.0006 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC243_210414 | SD036 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0059 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD036_210414 | SD036 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0046 | - | <0.0038 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC156_211020 | SD036 | 20 Oct 2021 | Field_D | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0043 | - | <0.0016 | <0.002 | <0.0005 | <0.0006 |
| QLD_0861_PFASOMP | 0861_QC256_211020 | SD036 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0038 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD036_211020 | SD036 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0006 | <0.0005 | <0.0044 | - | <0.0006 | <0.002 | <0.0006 | <0.0006 |
| QLD_0861_PFASOMP | 0861_SD036_220401 | SD036 | 01 Apr 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | - | <0.0008 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD036_221019 | SD036 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0096 | - | 0.0007 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD036_230522 | SD036 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0014 | - | <0.0012 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD036_231024 | SD036 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0008 | <0.0002 | <0.0002 | <0.0002 | <0.0041 | - | <0.0036 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD036_240411 | SD036 | 11 Apr 2024 | Normal | EB2413910 | 0.0060 | <0.0002 | <0.0002 | <0.0002 | <0.0018 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD036_241108 | SD036 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0017 | <0.0001 | <0.0001 | <0.0005 | 0.0002 | 0.0002 |
| QLD_0861_PFAS | 0861_SD037_0_170913 | SD037 | 13 Sep 2017 | Normal | EB1719017 | 0.0024 | 0.0020 | 0.0159 | 0.0016 | 0.0504 | - | <0.0002 | <0.001 | 0.0011 | 0.0070 |
| QLD_0861_PFAS | 0861_QC102_0.0_190501 | SD037 | 01 May 2019 | Field_D | EB1911384 | <0.0005 | <0.0005 | 0.0029 | <0.0005 | 0.0324 | - | <0.0005 | <0.001 | <0.0005 | 0.0005 |
| QLD_0861_PFAS | 0861_QC202_0.0_190501 | SD037 | 01 May 2019 | Interlab_D | 217104 | 0.0009 | 0.0007 | 0.0060 | 0.0005 | 0.063 | - | 0.0007 | 0.0008 | 0.001 | 0.0021 |
| QLD_0861_PFAS | 0861_SD037_0.0_190501 | SD037 | 01 May 2019 | Normal | EB1911384 | 0.0014 | 0.0013 | 0.0130 | 0.0012 | 0.363 | - | 0.0006 | 0.001 | 0.0021 | 0.0038 |
| QLD_0861_PFAS | 0861_SD037_0.0_191119 | SD037 | 19 Nov 2019 | Normal | EB1931427 | 0.0028 | 0.0029 | 0.0280 | 0.0050 | 0.432 | - | 0.0023 | <0.001 | 0.0028 | 0.0077 |
| QLD_0861_PFASOMP | 0861_SD037_200415 | SD037 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0011 | 0.0008 | 0.0068 | <0.0005 | 0.0315 | - | <0.0005 | <0.001 | 0.0014 | 0.0035 |
| QLD_0861_PFASOMP | 0861_SD037_201014 | SD037 | 14 Oct 2020 | Normal | EB2027172 | 0.0281 | 0.0320 | 0.277 | 0.0275 | 1.04 | - | <0.0074 | <0.019 | 0.0208 | 0.0699 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC140_210330 | SD037 | 30 Mar 2021 | Field_D | EB2108857 | 0.0004 | 0.0004 | 0.0046 | 0.0005 | 0.0776 | - | 0.0010 | 0.001 | 0.0036 | 0.0023 |
| QLD_0861_PFASOMP | 0861_QC240_210330 | SD037 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.001 | <0.001 | 0.0044 | <0.001 | 0.1 | 0.0014 | 0.0016 | <0.002 | 0.003 | 0.0018 |
| QLD_0861_PFASOMP | 0861_SD037_210330 | SD037 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | 0.0043 | 0.0006 | 0.0913 | - | 0.0009 | <0.002 | 0.0040 | 0.0023 |
| QLD_0861_PFASOMP | 0861_SD037_211026 | SD037 | 26 Oct 2021 | Normal | EB2130850 | 0.0004 | 0.0004 | 0.0055 | 0.0006 | 0.0325 | - | 0.0003 | <0.001 | 0.0005 | 0.0009 |
| QLD_0861_PFASOMP | 0861_SD037_220330 | SD037 | 30 Mar 2022 | Normal | EB2209950 | 0.0013 | <0.0010 | 0.0139 | 0.0010 | 0.135 | - | <0.0010 | <0.005 | 0.0012 | 0.0036 |
| QLD_0861_PFASOMP | 0861_SD037_221021 | SD037 | 21 Oct 2022 | Normal | EB2231197 | <0.0018 | 0.0022 | 0.0210 | 0.0034 | 0.184 | - | <0.0028 | <0.001 | 0.0013 | 0.0046 |
| QLD_0861_PFASOMP_23 | 0861_SD037_230418 | SD037 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0054 | 0.0044 | 0.0338 | 0.0025 | 0.146 | - | 0.0020 | <0.001 | 0.0037 | 0.0089 |
| QLD_0861_PFASOMP_23 | 0861_SD037_231027 | SD037 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0374 | 0.0276 | 0.183 | 0.0195 | 1.06 | - | 0.0041 | <0.013 | 0.0142 | 0.0391 |
| QLD_0861_PFASOMP_24 | 0861_SD037_240410 | SD037 | 10 Apr 2024 | Normal | EB2413910 | 0.0025 | 0.0029 | 0.0262 | <0.0034 | 0.313 | - | 0.0046 | <0.002 | 0.0017 | 0.0046 |
| QLD_0861_PFASOMP_24a | 0861_SD037_241031 | SD037 | 31 Oct 2024 | Normal | 1173066 | 0.0062 | 0.0080 | 0.058 | 0.0098 | 0.85 | 0.0080 | 0.0058 | 0.0024 | 0.0057 | 0.019 |
| QLD_0861_PFASOMP | 0861_SD038_200414 | SD038 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | 0.0032 | <0.0005 | 0.0175 | - | <0.0005 | <0.001 | 0.0040 | 0.0025 |
| QLD_0861_PFASOMP | 0861_SD038_201016 | SD038 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0006 | - | <0.0002 | <0.002 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_210330 | SD038 | 30 Mar 2021 | Normal | EB2108857 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0010 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_211025 | SD038 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_220330 | SD038 | 30 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_221024 | SD038 | 24 Oct 2022 | Normal | EB2231825 | <0.0002 | <0.0002 | 0.0017 | <0.0002 | 0.0212 | - | 0.0004 | <0.001 | 0.0013 | 0.0014 |
| QLD_0861_PFASOMP_23 | 0861_SD038_230420 | SD038 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0008 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD038_231129 | SD038 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0019 | - | <0.0002 | <0.001 | <0.0002 | <0.0006 |
| QLD_0861_PFASOMP_24 | 0861_SD038_240418 | SD038 | 18 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0016 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD038_241106 | SD038 | 06 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0004 | 0.0039 | 0.0003 | 0.029 | 0.0005 | 0.0008 | <0.0005 | 0.0012 | 0.0022 |
| QLD_0861_PFAS | 0861_SED39_0.3_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | 0.0021 | 0.0008 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SED39_0_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD039_0.0_191120 | SD039 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_200415 | SD039 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC126_201014 | SD039 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC226_201014 | SD039 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD039_201014 | SD039 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_210330 | SD039 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0020 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC160_211022 | SD039 | 22 Oct 2021 | Field_D | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0014 | - | <0.0002 | <0.001 | 0.0003 | 0.0002 |
| QLD_0861_PFASOMP | 0861_QC260_211022 | SD039 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD039_211022 | SD039 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0003 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_220328 | SD039 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_221020 | SD039 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0010 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD039_230426 | SD039 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD039_231026 | SD039 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0014 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD039_240412 | SD039 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0006 | - | <0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD039_241112 | SD039 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD40_0_170602 | SD040 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD040_0.0_190506 | SD040 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0025 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD040_0.0_191120 | SD040 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0009 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_200415 | SD040 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0044 | - | <0.0002 | <0.001 | 0.0002 | 0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_201015 | SD040 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0015 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_210415 | SD040 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0009 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_211019 | SD040 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0035 | - | <0.0034 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_220328 | SD040 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0016 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD040_221020 | SD040 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0034 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD040_230418 | SD040 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0032 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD040_231026 | SD040 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0130 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD040_240412 | SD040 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0021 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD041_0_171020 | SD041 | 17 Oct 2017 | Normal | EB1721894 | 0.0014 | 0.0011 | 0.0107 | 0.0010 | 0.0873 | - | <0.0002 | <0.001 | 0.0011 | 0.0040 |
| QLD_0861_PFAS | 0861_QC101_190508 | SD041 | 08 May 2019 | Field_D | EB1911952 | 0.0134 | 0.0140 | 0.134 | 0.0156 | 0.700 | - | 0.0070 | 0.002 | 0.0047 | 0.0247 |
| QLD_0861_PFAS | 0861_QC201_190508 | SD041 | 08 May 2019 | Interlab_D | 217521 | 0.011 | 0.0097 | 0.13 | 0.01 | 0.85 | - | 0.0079 | <0.004 | 0.0043 | 0.018 |
| QLD_0861_PFAS | 0861_SD041_0.0_190508 | SD041 | 08 May 2019 | Normal | EB1911952 | 0.0074 | 0.0082 | 0.0699 | 0.0079 | 0.391 | - | 0.0038 | 0.001 | 0.0026 | 0.0133 |
| QLD_0861_PFAS | 0861_SD041_191119 | SD041 | 19 Nov 2019 | Normal | EB1931427 | 0.0133 | 0.0134 | 0.103 | 0.0120 | 0.366 | - | 0.0054 | 0.003 | 0.0060 | 0.0249 |
| QLD_0861_PFASOMP | 0861_SD041_200415 | SD041 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0426 | 0.0477 | 0.363 | 0.0338 | 1.08 | - | <0.0025 | <0.002 | 0.0134 | 0.0760 |
| QLD_0861_PFASOMP | 0861_SD041_201015 | SD041 | 15 Oct 2020 | Normal | EB2027172 | 0.0307 | 0.0420 | 0.375 | 0.0412 | 1.08 | - | 0.0081 | <0.025 | 0.0162 | 0.0574 |
| QLD_0861_PFASOMP | 0861_SD041_210330 | SD041 | 30 Mar 2021 | Normal | EB2108857 | 0.0040 | 0.0049 | 0.0584 | 0.0086 | 0.655 | - | 0.0193 | <0.006 | 0.0058 | 0.0088 |
| QLD_0861_PFASOMP | 0861_SD041_211026 | SD041 | 26 Oct 2021 | Normal | EB2130850 | 0.0007 | 0.0010 | 0.0149 | 0.0027 | 0.178 | - | 0.0016 | <0.001 | 0.0008 | 0.0024 |
| QLD_0861_PFASOMP | 0861_SD041_220328 | SD041 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0010 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC188_221020 | SD041 | 20 Oct 2022 | Field_D | EB2231197 | 0.0021 | 0.0045 | 0.0306 | 0.0037 | 0.230 | - | 0.0044 | <0.001 | <0.0006 | 0.0037 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC288_221020 | SD041 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.005 | 0.0097 | 0.1 | 0.0078 | 0.57 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP | 0861_SD041_221020 | SD041 | 20 Oct 2022 | Normal | EB2231197 | 0.0023 | 0.0122 | 0.0746 | 0.0061 | 0.291 | - | 0.0050 | <0.001 | 0.0006 | 0.0057 |
| QLD_0861_PFASOMP_23 | 0861_SD041_230418 | SD041 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0098 | 0.0217 | 0.180 | 0.0296 | 1.62 | - | 0.0128 | <0.024 | <0.0049 | 0.0168 |
| QLD_0861_PFASOMP_23 | 0861_SD041_231024 | SD041 | 24 Oct 2023 | Normal | EB2333894-AA | 0.0169 | 0.0259 | 0.245 | 0.0336 | 1.55 | - | 0.0226 | 0.002 | 0.0036 | 0.0184 |
| QLD_0861_PFASOMP_24 | 0861_SD041_240412 | SD041 | 12 Apr 2024 | Normal | EB2413910 | 0.0015 | 0.0022 | 0.0192 | <0.0028 | 0.198 | - | 0.0052 | <0.002 | 0.0036 | 0.0060 |
| QLD_0861_PFASOMP_24a | 0861_SD041_241105 | SD041 | 05 Nov 2024 | Normal | 1173066 | 0.013 | 0.018 | 0.18 | 0.014 | 0.96 | <0.001 | 0.012 | 0.0085 | 0.014 | 0.024 |
| QLD_0861_PFAS | 0861_SD43_0.3_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD43_0_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD043_0.0_191120 | SD043 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_200428 | SD043 | 28 Apr 2020 | Normal | EB2011568 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0003 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_201015 | SD043 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_210415 | SD043 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_211022 | SD043 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_220404 | SD043 | 04 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_221020 | SD043 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0008 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD043_230419 | SD043 | 19 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD043_231026 | SD043 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD043_240411 | SD043 | 11 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | - | <0.0005 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD043_241112 | SD043 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0005 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD45_0_170602 | SD045 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0028 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD045_0.0_190506 | SD045 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0033 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC104_191120 | SD045 | 20 Nov 2019 | Field_D | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0016 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC204_1_191120 | SD045 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0046 | - | <0.0002 | <0.0002 | <0.0002 | <0.0001 |
| QLD_0861_PFAS | 0861_SD045_0.0_191120 | SD045 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | 0.0007 | <0.0002 | 0.0017 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD045_200415 | SD045 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_201015 | SD045 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0027 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_210415 | SD045 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0031 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD045_211019 | SD045 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0028 | - | <0.0002 | <0.001 | 0.0002 | 0.0002 |
| QLD_0861_PFASOMP | 0861_SD045_220329 | SD045 | 29 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0026 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD045_221020 | SD045 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0040 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD045_230418 | SD045 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0082 | - | 0.0013 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD045_231026 | SD045 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0090 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC104_240412 | SD045 | 12 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0039 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC204_240412 | SD045 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0021 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD045_240412 | SD045 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | 0.0043 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD045_241112 | SD045 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | 0.0003 | <0.0001 | 0.0038 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | 0.0001 |
| QLD_0861_PFAS | 0861_SD47_0.3_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0052 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFAS | 0861_SD47_0_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | 0.0023 | <0.0002 | 0.0031 | - | <0.0002 | <0.001 | 0.0002 | 0.0006 |
| QLD_0861_PFAS | 0861_SD047_0.0_190501 | SD047 | 01 May 2019 | Normal | EB1911384 | <0.0002 | 0.0003 | 0.0034 | 0.0003 | 0.0390 | - | <0.0002 | <0.001 | 0.0006 | 0.0010 |
| QLD_0861_PFAS | 0861_SD047_191121 | SD047 | 21 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD047_200422 | SD047 | 22 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | 0.0021 | <0.0005 | 0.0095 | - | <0.0005 | <0.002 | 0.0009 | 0.0009 |
| QLD_0861_PFASOMP | 0861_SD047_201013 | SD047 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | 0.0017 | <0.0005 | 0.0062 | - | <0.0005 | <0.002 | 0.0007 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_210414 | SD047 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0034 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_211020 | SD047 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0016 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_220331 | SD047 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0070 | - | 0.0030 | <0.001 | 0.0002 | 0.0003 |
| QLD_0861_PFASOMP | 0861_SD047_221019 | SD047 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0015 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD047_230522 | SD047 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0010 | - | <0.0420 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC106_231023 | SD047 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0014 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC206_231023 | SD047 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD047_231023 | SD047 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0018 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD047_240411 | SD047 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0018 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD047_241118 | SD047 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD049_0.1_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | 0.0010 | 0.0009 | 0.0093 | 0.0008 | 0.0656 | - | 0.0007 | <0.001 | 0.0008 | 0.0021 |
| QLD_0861_PFAS | 0861_SD049_0.4_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | 0.0004 | 0.0004 | 0.0033 | 0.0003 | 0.0264 | - | 0.0002 | <0.001 | <0.0002 | 0.0009 |
| QLD_0861_PFAS | 0861_SD049_0.0_190510 | SD049 | 10 May 2019 | Normal | EB1911952 | 0.0009 | 0.0008 | 0.0084 | 0.0009 | 0.0897 | - | <0.0002 | <0.001 | 0.0009 | 0.0021 |
| QLD_0861_PFASOMP | 0861_QC109_200420 | SD049 | 20 Apr 2020 | Field_D | EB2011246-AC | <0.0005 | <0.0005 | 0.0036 | <0.0005 | 0.0222 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC209_200420 | SD049 | 20 Apr 2020 | Interlab_D | RN1274652 | <0.001 | <0.001 | 0.0034 | <0.001 | 0.049 | <0.001 | <0.001 | <0.002 | <0.002 | 0.0013 |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2011246-AC | 0.0004 | 0.0003 | 0.0032 | 0.0004 | 0.0365 | - | <0.0002 | <0.001 | 0.003 | 0.0013 |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2012139 | <0.0005 | <0.0005 | 0.0044 | <0.0005 | 0.0309 | - | <0.0005 | <0.001 | <0.0024 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD049_201013 | SD049 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | 0.0087 | 0.0010 | 0.0954 | - | <0.0010 | <0.005 | 0.0016 | 0.0032 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD049_210413 | SD049 | 13 Apr 2021 | Normal | EB2111116 | **0.0003** | **0.0002** | **0.0026** | **0.0002** | **0.0386** | - | *<0.0002* | *<0.001* | **0.0003** | **0.0009** |
| QLD_0861_PFASOMP | 0861_SD049_211020 | SD049 | 20 Oct 2021 | Normal | EB2130835 | *<0.0012* | *<0.0012* | **0.0085** | *<0.0012* | **0.122** | - | *<0.0012* | *<0.006* | *<0.0012* | *<0.0012* |
| QLD_0861_PFASOMP | 0861_QC173_220331 | SD049 | 31 Mar 2022 | Field_D | EB2209942 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0003** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_QC273_220331 | SD049 | 31 Mar 2022 | Interlab_D | RN1349008 | *<0.001* | *<0.001* | *<0.001* | *<0.001* | *<0.002* | *<0.001* | *<0.001* | *<0.002* | *<0.002* | *<0.001* |
| QLD_0861_PFASOMP | 0861_SD049_220331 | SD049 | 31 Mar 2022 | Normal | EB2209950 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0002** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_QC186_221019 | SD049 | 19 Oct 2022 | Field_D | EB2231197 | *<0.0002* | *<0.0002* | **0.0003** | *<0.0002* | **0.0135** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_QC286_221019 | SD049 | 19 Oct 2022 | Interlab_D | RN1370747 | *<0.001* | *<0.001* | *<0.001* | *<0.001* | **0.067** | *<0.001* | *<0.001* | *<0.002* | *<0.002* | *<0.001* |
| QLD_0861_PFASOMP | 0861_SD049_221019 | SD049 | 19 Oct 2022 | Normal | EB2231197 | *<0.0002* | *<0.0002* | **0.0004** | *<0.0002* | **0.0104** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_23 | 0861_SD049_230426 | SD049 | 26 Apr 2023 | Normal | EB2312761-AA | **0.0002** | **0.0002** | **0.0035** | **0.0005** | **0.0604** | - | *<0.0002* | *<0.001* | *<0.0002* | **0.0004** |
| QLD_0861_PFASOMP_24 | 0861_QC102_240410 | SD049 | 10 Apr 2024 | Field_D | EB2413950 | **0.0003** | *<0.0002* | **0.0036** | *<0.0004* | **0.0939** | - | *<0.0004* | *<0.001* | *<0.0002* | *<0.0008* |
| QLD_0861_PFASOMP_24 | 0861_QC202_240410 | SD049 | 10 Apr 2024 | Interlab_D | RN1427801 | *<0.001* | *<0.001* | *<0.001* | *<0.001* | **0.069** | *<0.001* | *<0.001* | *<0.002* | *<0.002* | *<0.001* |
| QLD_0861_PFASOMP_24 | 0861_SD049_240410 | SD049 | 10 Apr 2024 | Normal | EB2413910 | *<0.0005* | *<0.0005* | **0.0026** | *<0.0005* | **0.0848** | - | *<0.0005* | *<0.002* | *<0.0005* | *<0.0005* |
| QLD_0861_PFASOMP_24a | 0861_SD049_241101 | SD049 | 01 Nov 2024 | Normal | 1173066 | *<0.0001* | **0.0001** | **0.0013** | **0.0002** | **0.021** | *<0.0001* | **0.0004** | *<0.0005* | **0.0002** | **0.0003** |
| QLD_0861_PFAS | 0861_SED50_0.3_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0017** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SED50_0_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0003** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SD050_0.0_190501 | SD050 | 01 May 2019 | Normal | EB1911384 | *<0.0005* | *<0.0005* | *<0.0005* | *<0.0005* | **0.0052** | - | *<0.0005* | *<0.001* | *<0.0005* | *<0.0005* |
| QLD_0861_PFAS | 0861_SD050_0.0_191118 | SD050 | 18 Nov 2019 | Normal | EB1931427 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD050_200415 | SD050 | 15 Apr 2020 | Normal | EB2010666-AE | **0.0021** | **0.0016** | **0.0135** | *<0.0010* | **0.0190** | - | *<0.0010* | *<0.001* | **0.0066** | **0.0094** |
| QLD_0861_PFASOMP | 0861_SD050_201014 | SD050 | 14 Oct 2020 | Normal | EB2027172 | *<0.0010* | *<0.0010* | **0.0018** | *<0.0010* | **0.0318** | - | **0.0013** | *<0.005* | **0.0011** | *<0.0010* |
| QLD_0861_PFASOMP | 0861_SD050_210414 | SD050 | 14 Apr 2021 | Normal | EB2111116 | *<0.0005* | *<0.0005* | *<0.0005* | *<0.0005* | **0.0094** | - | *<0.0005* | *<0.002* | *<0.0010* | *<0.0005* |
| QLD_0861_PFASOMP | 0861_SD050_211019 | SD050 | 19 Oct 2021 | Normal | EB2130835 | *<0.0002* | *<0.0002* | **0.0004** | *<0.0002* | **0.0030** | - | *<0.0064* | *<0.001* | **0.0003** | **0.0003** |
| QLD_0861_PFASOMP | 0861_SD050_220401 | SD050 | 01 Apr 2022 | Normal | EB2209950 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0017** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_23 | 0861_SD050_230511 | SD050 | 11 May 2023 | Normal | EB2314270 | *<0.0002* | *<0.0002* | **0.0021** | *<0.0002* | **0.0176** | - | *<0.0002* | *<0.001* | *<0.0002* | **0.0002** |
| QLD_0861_PFASOMP_23 | 0861_SD050_231024 | SD050 | 24 Oct 2023 | Normal | EB2333894-AA | *<0.0002* | *<0.0002* | **0.0008** | *<0.0002* | **0.0086** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_24 | 0861_SD050_240411 | SD050 | 11 Apr 2024 | Normal | EB2413910 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0024* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_24a | 0861_SD050_241104 | SD050 | 04 Nov 2024 | Normal | 1173066 | **0.0021** | **0.0012** | **0.0098** | **0.0005** | **0.0080** | *<0.0001* | *<0.0001* | *<0.0005* | *<0.0001* | *<0.0001* |
| QLD_0861_PFAS | 0861_SD51_0_170602 | SD051 | 02 Jun 2017 | Normal | EB1711373 | *<0.0002* | *<0.0002* | **0.0011** | **0.0121** | **0.0037** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SD051_0.0_190501 | SD051 | 01 May 2019 | Normal | EB1911384 | **0.0026** | *<0.0002* | **0.0021** | *<0.0002* | **0.0290** | - | *<0.0002* | *<0.001* | **0.0007** | **0.0010** |
| QLD_0861_PFAS | 0861_SD051_0.0_191118 | SD051 | 18 Nov 2019 | Normal | EB1931427 | **0.0005** | *<0.0002* | **0.0013** | *<0.0002* | **0.0100** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD051_200415 | SD051 | 15 Apr 2020 | Normal | EB2010666-AE | *<0.0002* | *<0.0002* | **0.0003** | *<0.0002* | **0.0016** | - | *<0.0002* | *<0.001* | **0.0003** | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD051_201014 | SD051 | 14 Oct 2020 | Normal | EB2027172 | *<0.0005* | *<0.0005* | **0.0010** | *<0.0005* | **0.0053** | - | *<0.0005* | *<0.002* | **0.0016** | **0.0010** |
| QLD_0861_PFASOMP | 0861_SD051_210413 | SD051 | 13 Apr 2021 | Normal | EB2111116 | *<0.0002* | *<0.0002* | **0.0013** | **0.0002** | **0.0384** | - | **0.0020** | *<0.001* | **0.0004** | **0.0004** |
| QLD_0861_PFASOMP | 0861_SD051_211019 | SD051 | 19 Oct 2021 | Normal | EB2130835 | *<0.0005* | *<0.0005* | **0.0009** | *<0.0005* | **0.0078** | - | *<0.0005* | *<0.002* | **0.0011** | **0.0010** |
| QLD_0861_PFASOMP | 0861_SD051_220401 | SD051 | 01 Apr 2022 | Normal | EB2209950 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0004** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD051_221020 | SD051 | 20 Oct 2022 | Normal | EB2231197 | *<0.0002* | *<0.0002* | **0.0015** | *<0.0002* | **0.0110** | - | **0.0010** | *<0.001* | **0.0006** | **0.0007** |
| QLD_0861_PFASOMP_23 | 0861_SD051_230419 | SD051 | 19 Apr 2023 | Normal | EB2312062-AA | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0047** | - | **0.0004** | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_23 | 0861_SD051_231024 | SD051 | 24 Oct 2023 | Normal | EB2333894-AA | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0015** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_24 | 0861_SD051_240411 | SD051 | 11 Apr 2024 | Normal | EB2413910 | *<0.0002* | *<0.0002* | *<0.0006* | *<0.0002* | *<0.0052* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_24a | 0861_SD051_241104 | SD051 | 04 Nov 2024 | Normal | 1173066 | *<0.0001* | *<0.0001* | **0.0004** | *<0.0001* | **0.0048** | *<0.0001* | *<0.0001* | *<0.0005* | **0.0006** | **0.0004** |
| QLD_0861_PFAS | 0861_QC01_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0006** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_QC02_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | **0.0007** | - | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0001* |
| QLD_0861_PFAS | 0861_QC03_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | **0.0004** | **0.0002** | - | *<0.0002* | **0.001** | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_QC04_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | **0.0001** | - | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0001* |
| QLD_0861_PFAS | 0861_SED52_0.3_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | **0.0015** | **0.0007** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SED52_0_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | *<0.0002* | *<0.0002* | *<0.0002* | **0.0010** | *<0.0002* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SD052_0.0_190510 | SD052 | 10 May 2019 | Normal | EB1911952 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFAS | 0861_SD052_191121 | SD052 | 21 Nov 2019 | Normal | EB1931427 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD052_200420 | SD052 | 20 Apr 2020 | Normal | EB2011246-AC | *<0.0005* | *<0.0005* | *<0.0005* | *<0.0005* | **0.0011** | - | *<0.0005* | *<0.002* | *<0.0005* | *<0.0005* |
| QLD_0861_PFASOMP | 0861_SD052_201013 | SD052 | 13 Oct 2020 | Normal | EB2027172 | *<0.0010* | *<0.0010* | *<0.0010* | *<0.0010* | *<0.0030* | - | *<0.0010* | *<0.005* | *<0.0010* | *<0.0010* |
| QLD_0861_PFASOMP | 0861_SD052_210413 | SD052 | 13 Apr 2021 | Normal | EB2111116 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0002** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD052_211020 | SD052 | 20 Oct 2021 | Normal | EB2130835 | *<0.0012* | *<0.0012* | *<0.0012* | *<0.0012* | *<0.0012* | - | *<0.0012* | *<0.006* | *<0.0012* | *<0.0012* |
| QLD_0861_PFASOMP | 0861_SD052_220331 | SD052 | 31 Mar 2022 | Normal | EB2209950 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0005** | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP | 0861_SD052_221019 | SD052 | 19 Oct 2022 | Normal | EB2231197 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0006* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_23 | 0861_SD052_230426 | SD052 | 26 Apr 2023 | Normal | EB2312761-AA | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | **0.0015** | - | *<0.0002* | *<0.001* | *<0.0002* | **0.0005** |
| QLD_0861_PFASOMP_23 | 0681_QC104_231023 | SD052 | 23 Oct 2023 | Field_D | EB2333894-AA | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0022* | - | *<0.0002* | *<0.002* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_23 | 0861_QC204_231023 | SD052 | 23 Oct 2023 | Interlab_D | RN1410504 | *<0.001* | *<0.001* | *<0.001* | *<0.001* | *<0.002* | *<0.001* | *<0.001* | *<0.002* | *<0.002* | *<0.001* |
| QLD_0861_PFASOMP_23 | 0861_SD052_231023 | SD052 | 23 Oct 2023 | Normal | EB2333894-AA | *<0.0010* | *<0.0010* | *<0.0010* | *<0.0010* | *<0.0010* | - | *<0.0010* | *<0.001* | *<0.0010* | *<0.0010* |
| QLD_0861_PFASOMP_24 | 0861_SD052_240410 | SD052 | 10 Apr 2024 | Normal | EB2413910 | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0006* | - | *<0.0002* | *<0.001* | *<0.0002* | *<0.0002* |
| QLD_0861_PFASOMP_24a | 0861_QC101_241118 | SD052 | 18 Nov 2024 | Field_D | 1161658 | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| QLD_0861_PFASOMP_24a | 0861_QC201_241118 | SD052 | 18 Nov 2024 | Interlab_D | 366901 | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | - | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0001* |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD052_241118 | SD052 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0004 | <0.0001 | 0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD053_0.55_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0058 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD053_0_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | 0.0004 | 0.0005 | 0.0095 | 0.0010 | 0.0308 | - | <0.0002 | <0.001 | <0.0002 | 0.0036 |
| QLD_0861_PFAS | SD053_191203 | SD053 | 03 Dec 2019 | Normal | EB1932627 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | 0.0017 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_200421 | SD053 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0024 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_201021 | SD053 | 21 Oct 2020 | Normal | EB2027539 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0020 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_210419 | SD053 | 19 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | 0.0012 | <0.0002 | 0.0077 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_211025 | SD053 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0007 | <0.0002 | 0.0350 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_220406 | SD053 | 06 Apr 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | 0.0020 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD053_221024 | SD053 | 24 Oct 2022 | Normal | EB2231825 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0091 | - | <0.0002 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFASOMP_23 | 0861_SD053_230420 | SD053 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0002 | 0.0003 | 0.0023 | 0.0003 | 0.0219 | - | <0.0002 | <0.001 | <0.0002 | 0.0003 |
| QLD_0861_PFASOMP_23 | 0861_SD053_231129 | SD053 | 29 Nov 2023 | Normal | EB2337879-AA | 0.0005 | 0.0003 | 0.0024 | <0.0002 | 0.0129 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD053_240418 | SD053 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | 0.0005 | 0.0033 | <0.0010 | <0.0476 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD053_241105 | SD053 | 05 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0002 | 0.0027 | <0.0001 | 0.045 | 0.0004 | <0.0001 | <0.0005 | 0.0004 | 0.0008 |
| QLD_0861_PFAS | 0861_QC102_170913 | SD056 | 13 Sep 2017 | Field_D | EB1719017 | 0.0022 | 0.0022 | 0.0237 | 0.0030 | 0.345 | - | 0.0052 | <0.001 | <0.0002 | 0.0041 |
| QLD_0861_PFAS | 0861_QC202_170915 | SD056 | 13 Sep 2017 | Interlab_D | 175963 | 0.0004 | 0.0005 | 0.0052 | 0.0007 | 0.35 | - | 0.001 | <0.0002 | <0.0002 | 0.0007 |
| QLD_0861_PFAS | 0861_SD056_0.4_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | 0.0003 | 0.0004 | 0.0077 | 0.0019 | 1.13 | - | 0.0015 | <0.001 | <0.0002 | 0.0018 |
| QLD_0861_PFAS | 0861_SD056_0_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | 0.0003 | 0.0002 | 0.0050 | 0.0008 | 0.374 | - | 0.0014 | <0.001 | <0.0002 | 0.0009 |
| QLD_0861_PFAS | 0861_SD056_0.0_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | 0.0010 | 0.0010 | 0.0141 | 0.0016 | 0.374 | - | 0.0016 | <0.001 | 0.0013 | 0.0031 |
| QLD_0861_PFAS | 0861_SD056_0.3_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | 0.0008 | 0.0012 | 0.0141 | 0.0014 | 0.322 | - | 0.0020 | <0.001 | 0.0010 | 0.0026 |
| QLD_0861_PFAS | 0861_QC102_191118 | SD056 | 18 Nov 2019 | Field_D | EB1931427 | 0.0004 | 0.0003 | 0.0032 | 0.0002 | 0.0289 | - | <0.0002 | <0.001 | 0.0006 | 0.0010 |
| QLD_0861_PFAS | 0861_QC201_191118 | SD056 | 18 Nov 2019 | Interlab_D | 231783 | 0.0004 | 0.0005 | 0.0068 | 0.0006 | 0.086 | - | 0.002 | 0.0002 | 0.0004 | 0.0012 |
| QLD_0861_PFAS | 0861_SD056_0.0_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | 0.0004 | 0.0004 | 0.0038 | 0.0003 | 0.0332 | - | <0.0002 | <0.001 | 0.0005 | 0.0010 |
| QLD_0861_PFAS | 0861_SD056_0.3_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | 0.0004 | 0.0003 | 0.0035 | 0.0002 | 0.0320 | - | 0.0002 | <0.001 | 0.0004 | 0.0009 |
| QLD_0861_PFASOMP | 0861_QC105_200415 | SD056 | 15 Apr 2020 | Field_D | EB2010666-AE | <0.0010 | 0.0010 | 0.0154 | 0.0013 | 0.0973 | - | <0.0010 | <0.001 | 0.0013 | 0.0039 |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1271947 | 0.0014 | 0.0010 | 0.013 | <0.001 | 0.21 | 0.0019 | <0.001 | <0.002 | <0.002 | 0.0032 |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1274650 | 0.0014 | 0.001 | 0.013 | <0.001 | 0.21 | 0.0019 | <0.001 | <0.002 | <0.002 | 0.0032 |
| QLD_0861_PFASOMP | 0861_SD056_200415 | SD056 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0010 | 0.0010 | 0.0131 | <0.0010 | 0.0676 | - | <0.0010 | <0.001 | 0.0018 | 0.0038 |
| QLD_0861_PFASOMP | 0861_SD056_201019 | SD056 | 19 Oct 2020 | Normal | EB2027539 | 0.0012 | 0.0011 | 0.0126 | 0.0013 | 0.130 | - | 0.0015 | <0.001 | 0.0009 | 0.0022 |
| QLD_0861_PFASOMP | 0861_SD056_210330 | SD056 | 30 Mar 2021 | Normal | EB2108857 | <0.0010 | 0.0014 | 0.0302 | 0.0091 | 0.611 | - | <0.0010 | <0.005 | 0.0041 | 0.0058 |
| QLD_0861_PFASOMP | 0861_SD056_211026 | SD056 | 26 Oct 2021 | Normal | EB2130850 | <0.0010 | <0.0010 | 0.0083 | 0.0012 | 0.629 | - | 0.0030 | <0.005 | 0.0014 | 0.0021 |
| QLD_0861_PFASOMP | 0861_SD056_220328 | SD056 | 28 Mar 2022 | Normal | EB2209950 | 0.0028 | 0.0029 | 0.108 | 0.0604 | 1.82 | - | 0.0038 | <0.002 | 0.0036 | 0.0080 |
| QLD_0861_PFASOMP | 0861_QC190_221021 | SD056 | 21 Oct 2022 | Field_D | EB2231197 | 0.0161 | 0.0291 | 0.426 | 0.0049 | 0.372 | - | 0.0044 | 0.007 | 0.0158 | 0.0638 |
| QLD_0861_PFASOMP | 0861_QC290_221021 | SD056 | 21 Oct 2022 | Interlab_D | RN1370747 | 0.0067 | 0.017 | 0.34 | 0.0016 | 0.21 | <0.001 | <0.001 | 0.0041 | 0.0085 | 0.031 |
| QLD_0861_PFASOMP | 0861_SD056_221021 | SD056 | 21 Oct 2022 | Normal | EB2231197 | 0.0123 | 0.0327 | 0.418 | <0.0042 | 0.330 | - | <0.0032 | <0.004 | 0.0144 | 0.0605 |
| QLD_0861_PFASOMP_23 | 0861_SD056_230418 | SD056 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0015 | 0.0016 | 0.0188 | 0.0023 | 0.168 | - | 0.0030 | <0.001 | 0.0021 | 0.0036 |
| QLD_0861_PFASOMP_23 | 0861_SD056_231024 | SD056 | 24 Oct 2023 | Normal | EB2333894-AA | 0.0097 | 0.0082 | 0.0609 | 0.0050 | 0.360 | - | <0.0028 | 0.006 | 0.0109 | 0.0177 |
| QLD_0861_PFASOMP_24 | 0861_SD056_240409 | SD056 | 09 Apr 2024 | Normal | EB2413910 | <0.0010 | <0.0010 | 0.0066 | <0.0010 | 0.427 | - | <0.0030 | <0.005 | <0.0010 | 0.0014 |
| QLD_0861_PFASOMP_24a | 0861_SD056_241028 | SD056 | 28 Oct 2024 | Normal | 1173066 | 0.0021 | 0.0025 | 0.02 | 0.0021 | 0.2 | 0.0014 | 0.0017 | 0.0016 | 0.0047 | 0.0061 |
| QLD_0861_PFAS | 0861_SD059_0.3_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0008 | <0.0002 | 0.0011 | - | <0.0002 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFAS | 0861_SD059_0_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | 0.0010 | <0.0002 | 0.0080 | - | <0.0002 | <0.001 | <0.0002 | 0.0004 |
| QLD_0861_PFAS | 0861_SD059_0.0_190429 | SD059 | 29 Apr 2019 | Normal | EB1911384 | 0.0008 | 0.0010 | 0.0078 | 0.0007 | 0.0738 | - | <0.0002 | <0.001 | 0.0008 | 0.0026 |
| QLD_0861_PFASOMP | 0861_SD059_200415 | SD059 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0018 | 0.0013 | 0.0086 | <0.0005 | 0.0336 | - | <0.0005 | <0.001 | 0.0018 | 0.0043 |
| QLD_0861_PFASOMP | 0861_SD059_201016 | SD059 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0033 | 0.0038 | 0.0236 | 0.0021 | 0.132 | - | 0.0030 | <0.002 | 0.0033 | 0.0085 |
| QLD_0861_PFASOMP | 0861_SD059_210330 | SD059 | 30 Mar 2021 | Normal | EB2108857 | 0.0022 | 0.0020 | 0.0199 | 0.0024 | 0.244 | - | 0.0013 | <0.002 | 0.0036 | 0.0059 |
| QLD_0861_PFASOMP | 0861_SD059_211026 | SD059 | 26 Oct 2021 | Normal | EB2130850 | 0.0011 | 0.0013 | 0.0145 | 0.0018 | 0.106 | - | 0.0070 | <0.001 | 0.0029 | 0.0037 |
| QLD_0861_PFASOMP | 0861_SD059_220328 | SD059 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD059_221021 | SD059 | 21 Oct 2022 | Normal | EB2231197 | 0.0064 | 0.0067 | 0.0751 | 0.0110 | 1.02 | - | 0.0299 | 0.005 | <0.0005 | 0.0178 |
| QLD_0861_PFASOMP_23 | 0861_QC107_230417 | SD059 | 17 Apr 2023 | Field_D | EB2312062-AA | 0.0006 | 0.0004 | 0.0046 | 0.0004 | 0.0365 | - | 0.0011 | <0.001 | 0.0009 | 0.0013 |
| QLD_0861_PFASOMP_23 | 0861_QC207_230417 | SD059 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.001 | <0.001 | 0.004 | <0.001 | 0.035 | <0.001 | <0.001 | <0.002 | <0.002 | 0.0017 |
| QLD_0861_PFASOMP_23 | 0861_SD059_230417 | SD059 | 17 Apr 2023 | Normal | EB2312062-AA | 0.0002 | 0.0002 | 0.0015 | <0.0002 | 0.0091 | - | <0.0002 | <0.001 | 0.0005 | 0.0008 |
| QLD_0861_PFASOMP_23 | 0861_SD059_231027 | SD059 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0023 | 0.0035 | 0.0412 | 0.0047 | 0.378 | - | 0.0112 | 0.001 | <0.0044 | 0.0048 |
| QLD_0861_PFASOMP_24 | 0861_SD059_240409 | SD059 | 09 Apr 2024 | Normal | EB2413910 | 0.0025 | 0.0039 | 0.0372 | 0.0058 | 0.588 | - | 0.0105 | <0.003 | 0.0043 | 0.0086 |
| QLD_0861_PFASOMP_24a | 0861_SD059_241031 | SD059 | 31 Oct 2024 | Normal | 1173066 | 0.0006 | 0.0007 | 0.0075 | 0.0013 | 0.16 | 0.0071 | 0.025 | <0.0005 | 0.0002 | 0.0025 |
| QLD_0861_PFAS | 0861_SD064_0.2_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | 0.0012 | 0.0011 | 0.0133 | 0.0016 | 0.107 | - | 0.0003 | <0.001 | 0.0007 | 0.0034 |
| QLD_0861_PFAS | 0861_SD064_0_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | 0.0010 | 0.0010 | 0.0087 | 0.0008 | 0.0334 | - | 0.0004 | <0.001 | 0.0006 | 0.0021 |
| QLD_0861_PFAS | 0861_SD64_0.0_190513 | SD064 | 13 May 2019 | Normal | EB1912390 | 0.0005 | 0.0004 | 0.0066 | 0.0004 | 0.0743 | - | 0.0004 | <0.001 | 0.0005 | 0.0018 |
| QLD_0861_PFASOMP | 0861_SD064_200421 | SD064 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | 0.006 | <0.0005 | 0.0273 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_201021 | SD064 | 21 Oct 2020 | Normal | EB2027539 | 0.0016 | 0.0015 | 0.0124 | 0.0009 | 0.0369 | - | 0.0013 | <0.001 | 0.0014 | 0.0029 |
| QLD_0861_PFASOMP | 0861_SD064_210419 | SD064 | 19 Apr 2021 | Normal | EB2111116 | <0.0010 | <0.0010 | 0.0070 | <0.0010 | 0.106 | - | <0.0018 | <0.005 | <0.0010 | <0.0010 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD064_211025 | SD064 | 25 Oct 2021 | Normal | EB2130835 | 0.0007 | 0.0008 | 0.0090 | 0.0009 | 0.0945 | - | 0.0017 | <0.003 | 0.0010 | 0.0026 |
| QLD_0861_PFASOMP | 0861_SD064_220406 | SD064 | 06 Apr 2022 | Normal | EB2209951 | 0.0007 | 0.0006 | 0.0062 | 0.0005 | 0.0770 | - | 0.0014 | <0.001 | 0.0006 | 0.0011 |
| QLD_0861_PFASOMP | 0861_SD064_221024 | SD064 | 24 Oct 2022 | Normal | EB2231825 | 0.0016 | 0.0020 | 0.0201 | 0.0023 | 0.293 | - | 0.0041 | <0.002 | <0.0005 | 0.0016 |
| QLD_0861_PFASOMP_23 | 0861_SD064_230420 | SD064 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0016 | 0.0013 | 0.0148 | 0.0017 | 0.190 | - | 0.0031 | <0.001 | 0.0013 | 0.0019 |
| QLD_0861_PFASOMP_23 | 0861_SD064_231129 | SD064 | 29 Nov 2023 | Normal | EB2337879-AA | 0.0014 | <0.0014 | 0.0126 | 0.0013 | 0.219 | - | 0.0026 | <0.002 | 0.0014 | 0.0011 |
| QLD_0861_PFASOMP_24 | 0861_SD064_240418 | SD064 | 18 Apr 2024 | Normal | EB2413910 | 0.0010 | 0.0012 | 0.0114 | 0.0010 | 0.125 | - | 0.0025 | <0.001 | 0.0002 | 0.0011 |
| QLD_0861_PFASOMP_24a | 0861_SD064_241105 | SD064 | 05 Nov 2024 | Normal | 1173066 | 0.0006 | 0.0006 | 0.0064 | 0.0008 | 0.1 | 0.0010 | <0.001 | 0.0008 | 0.0009 | 0.0014 |
| QLD_0861_PFAS | 0861_SD067_0.1_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | 0.0015 | 0.0017 | 0.0252 | 0.0040 | 1.90 | - | 0.0037 | <0.001 | 0.0016 | 0.0067 |
| QLD_0861_PFAS | 0861_SD067_0_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | 0.0041 | - | <0.0002 | <0.001 | <0.0002 | 0.0002 |
| QLD_0861_PFAS | 0861_SD67_0.0_190513 | SD067 | 13 May 2019 | Normal | EB1912390 | 0.0098 | 0.0144 | 0.138 | 0.0115 | 1.07 | - | 0.0066 | 0.004 | 0.0075 | 0.0370 |
| QLD_0861_PFASOMP | 0861_SD067_200421 | SD067 | 21 Apr 2020 | Normal | EB2011246-AC | 0.0042 | 0.0045 | 0.0479 | <0.0025 | 0.0869 | - | <0.0025 | <0.012 | <0.0025 | 0.0067 |
| QLD_0861_PFASOMP | 0861_SD067_201021 | SD067 | 21 Oct 2020 | Normal | EB2027539 | 0.0089 | 0.0110 | 0.0360 | 0.0047 | 0.134 | - | 0.0085 | 0.003 | 0.0050 | 0.0145 |
| QLD_0861_PFASOMP | 0861_SD067_210419 | SD067 | 19 Apr 2021 | Normal | EB2111116 | 0.0015 | 0.0017 | 0.0228 | 0.0027 | 0.318 | - | 0.0112 | <0.002 | 0.0008 | 0.0020 |
| QLD_0861_PFASOMP | 0861_SD067_211025 | SD067 | 25 Oct 2021 | Normal | EB2130835 | 0.0068 | 0.0095 | 0.0926 | 0.0085 | 0.780 | - | 0.0183 | 0.008 | 0.0099 | 0.0314 |
| QLD_0861_PFASOMP | 0861_SD067_220406 | SD067 | 06 Apr 2022 | Normal | EB2209951 | 0.0057 | 0.0091 | 0.0736 | 0.0056 | 0.748 | - | 0.0233 | 0.003 | 0.0060 | 0.0191 |
| QLD_0861_PFASOMP | 0861_SD067_221024 | SD067 | 24 Oct 2022 | Normal | EB2231825 | 0.0037 | 0.0043 | 0.0481 | 0.0037 | 0.528 | - | 0.0197 | 0.002 | 0.0050 | 0.0136 |
| QLD_0861_PFASOMP_23 | 0861_SD067_230420 | SD067 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0079 | 0.0079 | 0.0658 | 0.0052 | 0.320 | - | 0.0071 | <0.002 | 0.0037 | 0.0085 |
| QLD_0861_PFASOMP_23 | 0861_SD067_231129 | SD067 | 29 Nov 2023 | Normal | EB2337879-AA | 0.0094 | 0.0110 | 0.126 | 0.0094 | 1.28 | - | 0.0204 | <0.025 | 0.0127 | 0.0220 |
| QLD_0861_PFASOMP_24 | 0861_SD067_240418 | SD067 | 18 Apr 2024 | Normal | EB2413910 | 0.0076 | 0.0136 | 0.145 | 0.0098 | 1.68 | - | 0.0450 | <0.025 | <0.0050 | 0.0271 |
| QLD_0861_PFASOMP_24a | 0861_SD067_241105 | SD067 | 05 Nov 2024 | Normal | 1173066 | 0.0046 | 0.0056 | 0.057 | 0.0063 | 0.77 | 0.0070 | 0.027 | 0.0047 | 0.0082 | 0.013 |
| QLD_0861_PFAS | 0861_SD076_SD_0.4_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | 0.0007 | 0.0004 | 0.0027 | <0.0002 | 0.0214 | - | <0.0002 | <0.001 | 0.0007 | 0.0016 |
| QLD_0861_PFAS | 0861_SD076_SD_0_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0055 | - | <0.0002 | <0.001 | 0.0003 | 0.0008 |
| QLD_0861_PFAS | 0861_SD076_0.0_190501 | SD076 | 01 May 2019 | Normal | EB1911384 | 0.0004 | 0.0005 | 0.0060 | 0.0005 | 0.0652 | - | 0.0004 | <0.001 | 0.0009 | 0.0013 |
| QLD_0861_PFASOMP | 0861_SD076_200415 | SD076 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0011 | 0.0012 | 0.0116 | <0.0010 | 0.0772 | - | <0.0010 | <0.001 | 0.0107 | 0.0190 |
| QLD_0861_PFASOMP | 0861_SD076_201016 | SD076 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0017 | 0.0016 | 0.0098 | 0.0007 | 0.0300 | - | 0.0008 | <0.005 | 0.0092 | 0.0072 |
| QLD_0861_PFASOMP | 0861_SD076_210330 | SD076 | 30 Mar 2021 | Normal | EB2108857 | 0.0013 | 0.0012 | 0.0131 | 0.0013 | 0.0795 | - | <0.0010 | <0.005 | 0.0035 | 0.0038 |
| QLD_0861_PFASOMP | 0861_SD076_211026 | SD076 | 26 Oct 2021 | Normal | EB2130850 | 0.0004 | 0.0005 | 0.0063 | 0.0011 | 0.117 | - | 0.0022 | <0.001 | 0.0009 | 0.0016 |
| QLD_0861_PFASOMP | 0861_SD076_220328 | SD076 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0020 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD076_230418 | SD076 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0004 | 0.0003 | 0.0048 | 0.0006 | 0.0359 | - | 0.0002 | <0.001 | 0.0007 | 0.0008 |
| QLD_0861_PFASOMP_23 | 0861_SD076_231027 | SD076 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0062 | 0.0056 | 0.0480 | 0.0049 | 0.428 | - | 0.0044 | 0.004 | 0.0062 | 0.0113 |
| QLD_0861_PFASOMP_24 | 0861_SD076_240409 | SD076 | 09 Apr 2024 | Normal | EB2413910 | 0.0013 | 0.0014 | 0.0119 | 0.0012 | 0.0810 | - | 0.0018 | 0.001 | 0.0022 | 0.0039 |
| QLD_0861_PFASOMP_24a | 0861_SD076_241028 | SD076 | 28 Oct 2024 | Normal | 1173066 | 0.0014 | 0.0012 | 0.0092 | 0.0009 | 0.063 | 0.0009 | 0.0013 | 0.0010 | 0.0032 | 0.0038 |
| QLD_0861_PFAS | 0861_SD079_0.2_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | <0.0002 | <0.0002 | 0.0011 | <0.0002 | 0.0115 | - | <0.0002 | <0.001 | <0.0002 | 0.0008 |
| QLD_0861_PFAS | 0861_SD079_0_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | 0.0007 | 0.0009 | 0.0140 | 0.0009 | 0.0262 | - | <0.0002 | <0.001 | <0.0002 | 0.0015 |
| QLD_0861_PFASOMP | 0861_SD079_200421 | SD079 | 21 Apr 2020 | Normal | EB2011246-AC | 0.0026 | 0.0027 | 0.0151 | 0.0013 | 0.0229 | - | <0.0002 | <0.001 | 0.0008 | 0.0038 |
| QLD_0861_PFASOMP | 0861_SD079_201021 | SD079 | 21 Oct 2020 | Normal | EB2027539 | 0.0021 | 0.0024 | 0.0190 | 0.0017 | 0.0468 | - | <0.0002 | <0.001 | 0.0009 | 0.0037 |
| QLD_0861_PFASOMP | 0861_QC146_210419 | SD079 | 19 Apr 2021 | Field_D | EB2111121 | 0.0031 | 0.0038 | 0.0688 | 0.0114 | 0.611 | - | 0.0084 | <0.005 | 0.0018 | 0.0063 |
| QLD_0861_PFASOMP | 0861_QC246_210419 | SD079 | 19 Apr 2021 | Interlab_D | RN1313031 | 0.001 | 0.0014 | 0.021 | 0.0031 | 0.2 | <0.001 | <0.001 | <0.002 | <0.002 | 0.0015 |
| QLD_0861_PFASOMP | 0861_SD079_210419 | SD079 | 19 Apr 2021 | Normal | EB2111116 | 0.0016 | 0.0023 | 0.0237 | 0.0030 | 0.230 | - | 0.0017 | <0.005 | 0.0014 | 0.0032 |
| QLD_0861_PFASOMP | 0861_SD079_211025 | SD079 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | 0.0013 | <0.0002 | 0.0162 | - | 0.0004 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD079_220406 | SD079 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | 0.0165 | 0.0022 | 0.180 | - | <0.0014 | <0.013 | <0.0005 | 0.0011 |
| QLD_0861_PFASOMP | 0861_SD079_221024 | SD079 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | 0.0009 | 0.0199 | 0.0030 | 0.262 | - | 0.0040 | <0.002 | 0.0008 | 0.0015 |
| QLD_0861_PFASOMP_23 | 0861_SD079_230420 | SD079 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0201 | 0.0248 | 0.236 | 0.0308 | 1.70 | - | 0.0179 | 0.006 | 0.0107 | 0.0368 |
| QLD_0861_PFASOMP_23 | 0861_SD079_231129 | SD079 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0012 | <0.0016 | 0.0218 | 0.0042 | 0.438 | - | 0.0052 | <0.006 | 0.0022 | 0.0029 |
| QLD_0861_PFASOMP_24 | 0861_SD079_240418 | SD079 | 18 Apr 2024 | Normal | EB2413910 | 0.0004 | 0.0007 | 0.0075 | 0.0006 | 0.0296 | - | 0.0004 | <0.001 | <0.0002 | 0.0008 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241105 | SD079 | 05 Nov 2024 | Field_D | 1156536 | <0.005 | <0.005 | 0.022 | <0.005 | 0.13 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241105 | SD079 | 05 Nov 2024 | Interlab_D | 365858 | 0.0008 | 0.001 | 0.011 | 0.001 | 0.066 | - | 0.0005 | <0.0002 | 0.0004 | 0.0014 |
| QLD_0861_PFASOMP_24a | 0861_SD079_241105 | SD079 | 05 Nov 2024 | Normal | 1173066 | 0.0011 | 0.0013 | 0.015 | 0.0016 | 0.077 | 0.0005 | 0.0009 | <0.0005 | 0.0006 | 0.0019 |
| QLD_0861_PFAS | 0861_SD80_0.0_190513 | SD080 | 13 May 2019 | Normal | EB1912390 | 0.0023 | 0.0032 | 0.0285 | 0.0022 | 0.162 | - | 0.0004 | <0.001 | 0.0009 | 0.0044 |
| QLD_0861_PFAS | QC102_191203 | SD080 | 03 Dec 2019 | Field_D | EB1932627 | 0.0028 | 0.0016 | 0.0237 | 0.0036 | 0.197 | - | 0.0014 | <0.001 | <0.0010 | 0.0035 |
| QLD_0861_PFAS | SD080_191203 | SD080 | 03 Dec 2019 | Normal | EB1932627 | 0.0016 | <0.0010 | 0.0118 | 0.0016 | 0.104 | - | 0.0011 | <0.001 | <0.0010 | 0.0026 |
| QLD_0861_PFASOMP | 0861_SD080_200421 | SD080 | 21 Apr 2020 | Normal | EB2011246-AC | 0.0008 | 0.001 | 0.0113 | 0.0012 | 0.0852 | - | 0.0017 | <0.002 | 0.0032 | 0.004 |
| QLD_0861_PFASOMP | 0861_SD080_201021 | SD080 | 21 Oct 2020 | Normal | EB2027539 | 0.0028 | 0.0041 | 0.0491 | 0.0072 | 0.153 | - | 0.0015 | <0.001 | 0.0020 | 0.0059 |
| QLD_0861_PFASOMP | 0861_SD080_210419 | SD080 | 19 Apr 2021 | Normal | EB2111116 | 0.0063 | 0.0092 | 0.118 | 0.0156 | 0.806 | - | 0.0111 | <0.005 | 0.0032 | 0.0123 |
| QLD_0861_PFASOMP | 0861_SD080_211025 | SD080 | 25 Oct 2021 | Normal | EB2130835 | 0.0036 | 0.0060 | 0.0954 | 0.0140 | 0.903 | - | 0.0240 | <0.005 | 0.0021 | 0.0073 |
| QLD_0861_PFASOMP | 0861_SD080_220406 | SD080 | 06 Apr 2022 | Normal | EB2209951 | 0.0028 | 0.0040 | 0.0532 | 0.0067 | 0.339 | - | 0.0065 | <0.002 | 0.0022 | 0.0057 |
| QLD_0861_PFASOMP | 0861_SD080_221024 | SD080 | 24 Oct 2022 | Normal | EB2231825 | 0.0028 | 0.0056 | 0.0704 | 0.0089 | 0.597 | - | 0.0127 | <0.005 | 0.0038 | 0.0078 |
| QLD_0861_PFASOMP_23 | 0861_SD080_230420 | SD080 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0021 | 0.0022 | 0.0199 | 0.0022 | 0.111 | - | 0.0014 | <0.001 | 0.0008 | 0.0035 |
| QLD_0861_PFASOMP_23 | 0861_SD080_231129 | SD080 | 29 Nov 2023 | Normal | EB2337879-AA | 0.0046 | 0.0046 | 0.0426 | 0.0057 | 0.669 | - | 0.0126 | <0.006 | 0.0029 | 0.0052 |
| QLD_0861_PFASOMP_24 | 0861_SD080_240418 | SD080 | 18 Apr 2024 | Normal | EB2413910 | 0.0019 | 0.0030 | 0.0363 | 0.0043 | 0.222 | - | 0.0050 | 0.001 | 0.0030 | 0.0046 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD080_241105 | SD080 | 05 Nov 2024 | Normal | 1173066 | **0.0068** | **0.0080** | **0.11** | **0.018** | **0.75** | **0.0055** | **0.0044** | **0.0051** | **0.011** | **0.019** |
| QLD_0861_PFAS | 0861_SD088_0.2_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0004** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD088_0_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_200420 | SD088 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC122_201013 | SD088 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | - | <0.0010 | <0.007 | <0.0014 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC222_201013 | SD088 | 13 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD088_201013 | SD088 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0014 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD088_210413 | SD088 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_211020 | SD088 | 20 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0003** | - | <0.0003 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC174_220331 | SD088 | 31 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC274_220331 | SD088 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD088_220331 | SD088 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_221019 | SD088 | 19 Oct 2022 | Normal | EB2231197 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | - | <0.0020 | <0.010 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP_23 | 0861_SD088_230522 | SD088 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0006 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC105_231023 | SD088 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0003 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861-_QC205_231023 | SD088 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD088_231023 | SD088 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD088_240410 | SD088 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD088_241118 | SD088 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD089_0.4_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD089_0_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD089_0.0_190510 | SD089 | 10 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD089_200420 | SD089 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_201013 | SD089 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0030 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_210413 | SD089 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_211020 | SD089 | 20 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0018 | - | <0.0010 | <0.005 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD089_220331 | SD089 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0002** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD089_221019 | SD089 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD089_230522 | SD089 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0016 | - | <0.0042 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD089_231023 | SD089 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD089_240410 | SD089 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0022 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD089_241118 | SD089 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD091_0.25_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD091_0_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD091_0.0_190510 | SD091 | 10 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_200420 | SD091 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_201013 | SD091 | 13 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_210414 | SD091 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0016** | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_211021 | SD091 | 21 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0016 | - | <0.0004 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_220331 | SD091 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_221021 | SD091 | 21 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0010** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD091_230522 | SD091 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0018 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC102_231023 | SD091 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC202_231023 | SD091 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD091_231023 | SD091 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD091_240410 | SD091 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD091_241118 | SD091 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | **0.0001** | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD094_0.2_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | **0.0004** | **0.0004** | **0.0041** | **0.0009** | **0.0380** | - | **0.0053** | <0.001 | <0.0002 | **0.0011** |
| QLD_0861_PFAS | 0861_SD094_0_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | **0.0004** | **0.0007** | **0.0115** | **0.0037** | **0.146** | - | **0.0021** | <0.001 | <0.0002 | **0.0023** |
| QLD_0861_PFASOMP | 0861_SD094_200415 | SD094 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | **0.0011** | <0.0005 | **0.0106** | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC124_201014 | SD094 | 14 Oct 2020 | Field_D | EB2027176-AA | <0.0020 | <0.0020 | <0.0142 | <0.0020 | <0.0080 | - | <0.0060 | <0.010 | **0.0032** | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC224_201014 | SD094 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | **0.011** | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD094_201014 | SD094 | 14 Oct 2020 | Normal | EB2027172 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0098 | - | <0.0012 | <0.006 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD094_210414 | SD094 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | **0.0004** | <0.0002 | **0.0061** | - | <0.0002 | <0.001 | **0.0002** | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD094_211022 | SD094 | 22 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0036** | - | <0.0002 | <0.001 | **0.0004** | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC177_220401 | SD094 | 01 Apr 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | **0.0006** | <0.0002 | **0.0103** | - | <0.0002 | <0.001 | **0.0008** | **0.0007** |
| QLD_0861_PFASOMP | 0861_QC277_220401 | SD094 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | **0.017** | <0.001 | <0.001 | <0.002 | <0.002 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD094_220401 | SD094 | 01 Apr 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0082** | - | <0.0002 | <0.001 | **0.0008** | **0.0005** |
| QLD_0861_PFASOMP | 0861_SD094_221019 | SD094 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0011** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD094_230522 | SD094 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | **0.0002** | <0.0002 | <0.0048 | - | <0.0016 | <0.001 | <0.0002 | <0.0002 |

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_SD094_231024 | SD094 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | - | <0.0020 | <0.010 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP_24 | 0861_SD094_240411 | SD094 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0063** | - | <0.0002 | <0.001 | **0.0002** | **0.0003** |
| QLD_0861_PFASOMP_24a | 0861_SD094_241108 | SD094 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | **0.0006** | <0.0001 | **0.0075** | <0.0001 | <0.0001 | <0.0005 | **0.0002** | **0.0002** |
| QLD_0861_PFAS | 0861_SD098_0_170915 | SD098 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | **0.0009** | <0.0002 | **0.0022** | - | <0.0002 | <0.001 | <0.0002 | **0.0005** |
| QLD_0861_PFAS | 0861_SD098_0.0_190506 | SD098 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0007** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD098_0.0_191120 | SD098 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0005** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD098_200415 | SD098 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0026** | - | <0.0005 | <0.001 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_201015 | SD098 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | **0.0008** | <0.0002 | **0.0160** | - | <0.0002 | <0.001 | **0.0008** | **0.0007** |
| QLD_0861_PFASOMP | 0861_SD098_210415 | SD098 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | **0.0004** | <0.0002 | **0.0075** | - | <0.0010 | <0.001 | **0.0006** | **0.0005** |
| QLD_0861_PFASOMP | 0861_SD098_211019 | SD098 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0020** | - | <0.0002 | <0.001 | **0.0003** | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD098_220401 | SD098 | 01 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0035 | - | <0.0002 | <0.001 | **0.0002** | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD098_221020 | SD098 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0022** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC108_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0007** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC208_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0006** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD098_230418 | SD098 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0010** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD098_231026 | SD098 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0012** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD098_240412 | SD098 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | **0.0002** | <0.0002 | **0.0036** | - | <0.0002 | <0.001 | **0.0002** | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD098_241108 | SD098 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | **0.0005** | <0.0001 | **0.0044** | <0.0001 | <0.0001 | <0.0005 | **0.0006** | **0.0005** |
| QLD_0861_PFAS | 0861_SD099_0.4_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | **0.0005** | **0.0006** | **0.0269** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD099_0_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | **0.0002** | <0.0002 | **0.0043** | **0.0017** | **0.111** | - | **0.0033** | <0.001 | <0.0002 | **0.0006** |
| QLD_0861_PFAS | 0861_SD099_0.0_190507 | SD099 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0064** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD099_191127 | SD099 | 27 Nov 2019 | Normal | EB1932183 | <0.0002 | **0.0002** | **0.0045** | **0.0013** | **0.0458** | - | **0.0008** | <0.001 | <0.0002 | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD099_200421 | SD099 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0053** | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_201015 | SD099 | 15 Oct 2020 | Normal | EB2027172 | **0.0010** | **0.0009** | **0.0033** | <0.0005 | **0.0077** | - | <0.0005 | <0.002 | **0.0007** | **0.0007** |
| QLD_0861_PFASOMP | 0861_SD099_210413 | SD099 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0077** | - | **0.0067** | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_211020 | SD099 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | **0.0083** | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_220329 | SD099 | 29 Mar 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0034 | - | <0.0029 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD099_221020 | SD099 | 20 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | **0.0014** | <0.0002 | **0.0042** | - | **0.0012** | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD099_230419 | SD099 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0044** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD099_231024 | SD099 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0031** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD099_240411 | SD099 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0035 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD099_241106 | SD099 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | **0.0003** | <0.0001 | **0.0019** | <0.0001 | <0.0001 | <0.0005 | <0.0001 | **0.0001** |
| QLD_0861_PFAS | 0861_SD100_0.2_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0110** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD100_0_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0021** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC103_190507 | SD100 | 07 May 2019 | Field_D | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0012** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD100_0.0_190507 | SD100 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0009** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_QC204_191127 | SD100 | 27 Nov 2019 | Interlab_D | 232094-A | <0.0001 | <0.0001 | **0.0003** | <0.0001 | **0.016** | - | **0.002** | <0.0002 | <0.0002 | <0.0001 |
| QLD_0861_PFAS | 0861_SD100_0.1_191127 | SD100 | 27 Nov 2019 | Normal | EB1932183 | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0121** | - | **0.0006** | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | QC104_191127 | SD100 | 27 Nov 2019 | Field_D | EB1934177 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0048** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD100_200421 | SD100 | 21 Apr 2020 | Normal | EB2011246-AC | <0.001 | <0.001 | <0.001 | <0.001 | **0.003** | - | <0.001 | <0.005 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD100_201015 | SD100 | 15 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0024** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD100_210413 | SD100 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0042** | - | <0.0006 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD100_211020 | SD100 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0028** | - | <0.0005 | <0.002 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_220329 | SD100 | 29 Mar 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0030** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD100_221020 | SD100 | 20 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | **0.0003** | <0.0002 | **0.0058** | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD100_230419 | SD100 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | **0.0014** | <0.0012 | <0.0177 | - | <0.0012 | <0.001 | **0.0002** | **0.0003** |
| QLD_0861_PFASOMP_23 | 0861_SD100_231024 | SD100 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0023 | <0.0020 | <0.0020 | - | <0.0020 | <0.010 | <0.0020 | <0.0024 |
| QLD_0861_PFASOMP_24 | 0861_SD100_240411 | SD100 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0031 | - | <0.0002 | <0.001 | <0.0002 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD100_241106 | SD100 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | **0.0001** | **0.0007** | <0.0001 | **0.0028** | <0.0001 | **0.0002** | <0.0005 | **0.0001** | **0.0004** |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFAS | 0861_SD002_0.4_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD002_0_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | **0.0002** | **0.0003** | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD002_0.0_190429 | SD002 | 29 Apr 2019 | Normal | EB1911384 | **0.0020** | **0.0006** | <0.0002 | **0.0004** | **0.0005** | **0.0004** | <0.0002 | <0.0005 | <0.0005 | **0.0353** |
| QLD_0861_PFASOMP | 0861_SD002_200415 | SD002 | 15 Apr 2020 | Normal | EB2010666-AE | **0.0008** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | **0.0022** |
| QLD_0861_PFASOMP | 0861_SD002_201016 | SD002 | 16 Oct 2020 | Normal | EB2027176-AA | **0.0019** | **0.0008** | **0.0010** | **0.0015** | **0.0026** | **0.0025** | **0.0006** | <0.0012 | <0.0005 | **0.0084** |
| QLD_0861_PFASOMP | 0861_SD002_210330 | SD002 | 30 Mar 2021 | Normal | EB2108857 | **0.0008** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD002_211025 | SD002 | 25 Oct 2021 | Normal | EB2130835 | **0.0018** | **0.0009** | **0.0012** | **0.0016** | **0.0022** | **0.0023** | **0.0006** | <0.0006 | <0.0005 | **0.0006** |
| QLD_0861_PFASOMP | 0861_QC167_220328 | SD002 | 28 Mar 2022 | Field_D | EB2209942 | <0.0002 | **0.0004** | <0.0002 | <0.0002 | <0.0003 | **0.0005** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC267_220328 | SD002 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD002_220328 | SD002 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD002_221021 | SD002 | 21 Oct 2022 | Normal | EB2231197 | <0.0002 | **0.0002** | <0.0002 | **0.0002** | **0.0006** | **0.0009** | **0.0003** | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD002_230418 | SD002 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | **0.0003** | **0.0005** | **0.0007** | **0.0008** | **0.0003** | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD002_231027 | SD002 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD002_240410 | SD002 | 10 Apr 2024 | Normal | EB2413910 | **0.0003** | **0.0004** | **0.0002** | <0.0002 | <0.0002 | **0.0002** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC102_241031 | SD002 | 31 Oct 2024 | Field_D | 1155836 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_SD002_241031 | SD002 | 31 Oct 2024 | Normal | 1173066 | **0.0006** | **0.0007** | **0.0006** | **0.0011** | **0.0013** | **0.0012** | **0.0003** | **0.0003** | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD003_0.1_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | **0.0007** | **0.0013** | **0.0006** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD003_0_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | **0.0006** | **0.0005** | **0.0003** | **0.0007** | **0.0010** | **0.0008** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD003_0.0_190429 | SD003 | 29 Apr 2019 | Normal | EB1911384 | **0.0004** | **0.0011** | **0.0003** | **0.0005** | **0.0011** | **0.0012** | <0.0002 | <0.0005 | <0.0005 | **0.0008** |
| QLD_0861_PFASOMP | 0861_SD003_200415 | SD003 | 15 Apr 2020 | Normal | EB2010666-AE | **0.0007** | **0.0005** | **0.0006** | <0.0005 | **0.0008** | <0.0005 | <0.0005 | <0.0012 | <0.0005 | **0.0007** |
| QLD_0861_PFASOMP | 0861_SD003_201016 | SD003 | 16 Oct 2020 | Normal | EB2027176-AA | **0.0015** | **0.0018** | **0.0005** | **0.0007** | **0.0010** | **0.0009** | <0.0005 | <0.0012 | <0.0005 | **0.0010** |
| QLD_0861_PFASOMP | 0861_SD003_210330 | SD003 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD003_211022 | SD003 | 22 Oct 2021 | Normal | EB2130835 | **0.0005** | **0.0005** | **0.0006** | **0.0009** | **0.0008** | **0.0005** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD003_220328 | SD003 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD003_221021 | SD003 | 21 Oct 2022 | Normal | EB2231197 | **0.0016** | **0.0026** | **0.0007** | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD003_230418 | SD003 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0004** | **0.0006** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD003_231027 | SD003 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD003_240410 | SD003 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD003_241031 | SD003 | 31 Oct 2024 | Normal | 1173066 | **0.0002** | **0.0003** | **0.0003** | **0.0002** | **0.0004** | **0.0006** | **0.0002** | **0.0002** | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD04_0.3_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD04_0_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD004_0.0_190502 | SD004 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD004_0.0_191119 | SD004 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_200414 | SD004 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0006 | <0.0012 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_201012 | SD004 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_210414 | SD004 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_211019 | SD004 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | **0.0003** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_220329 | SD004 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD004_221018 | SD004 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD004_230428 | SD004 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD004_231025 | SD004 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD004_240409 | SD004 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | **0.0005** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD004_241108 | SD004 | 08 Nov 2024 | Normal | 1173066 | **0.0002** | **0.0003** | <0.0001 | <0.0001 | <0.0001 | **0.0001** | **0.0002** | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD05_0.3_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | **0.0005** | **0.0013** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD05_0_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | **0.0003** | **0.0007** | <0.0002 | <0.0002 | **0.0002** | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD005_0.0_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | **0.0003** | **0.0009** | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | **0.0016** |
| QLD_0861_PFAS | 0861_SD005_0.3_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | **0.0008** | <0.0002 | <0.0002 | <0.0007 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD005_0.0_191118 | SD005 | 18 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0006** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD005_0.3_191119 | SD005 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_200414 | SD005 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0008 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_201012 | SD005 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_210412 | SD005 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_211019 | SD005 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD005_220329 | SD005 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC183_221018 | SD005 | 18 Oct 2022 | Field_D | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0026 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC283_221018 | SD005 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD005_221018 | SD005 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD005_230428 | SD005 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD005_231025 | SD005 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD005_240409 | SD005 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD005_241108 | SD005 | 08 Nov 2024 | Normal | 1173066 | 0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0005 |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.0-0.1 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | 0.0029 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.4-0.5 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | 0.003 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD04_0.0_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD04_0.4_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD04_0.4_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD04_0_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | E0861_SD04_0.4_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | E0861_SD04_0_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 0861_SED02_170302 | SD008 | 02 Mar 2017 | Normal | EB1704230 | 0.0009 | 0.003 | 0.0013 | 0.0024 | 0.0019 | 0.0017 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD08_0.3_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0002 | 0.0003 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD08_0_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0002 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_Hist_202012-3 | 0861_SED02_171013 | SD008 | 13 Oct 2017 | Normal | EB1721221 | <0.0002 | 0.0006 | 0.0002 | 0.0005 | 0.0005 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD008_0.0_190502 | SD008 | 02 May 2019 | Normal | EB1911384 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | 0.0017 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC107_200417 | SD008 | 17 Apr 2020 | Field_D | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD008_200417 | SD008 | 17 Apr 2020 | Normal | EB2010666-AE | 0.0004 | 0.0003 | <0.0002 | 0.0005 | <0.0006 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD008_201012 | SD008 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD008_210415 | SD008 | 15 Apr 2021 | Normal | EB2111116 | <0.0005 | 0.0006 | 0.0008 | 0.0009 | 0.0014 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD008_211026 | SD008 | 26 Oct 2021 | Normal | EB2130850 | <0.0002 | 0.0004 | 0.0003 | 0.0004 | 0.0008 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD008_220328 | SD008 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD008_221026 | SD008 | 26 Oct 2022 | Normal | EB2231825 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD008_230428 | SD008 | 28 Apr 2023 | Normal | EB2312761-AA | 0.0010 | 0.0026 | 0.0005 | 0.0015 | 0.0015 | 0.0035 | 0.0008 | <0.0006 | <0.0005 | 0.0006 |
| QLD_0861_PFASOMP_23 | 0861_SD008_231025 | SD008 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | 0.0002 | <0.0002 | <0.0002 | 0.0003 | 0.0003 | 0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD008_240412 | SD008 | 12 Apr 2024 | Normal | EB2413910 | <0.0002 | 0.0003 | <0.0002 | <0.0002 | 0.0005 | 0.0004 | 0.0007 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD008_241106 | SD008 | 06 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0004 | 0.0002 | <0.0001 | 0.0003 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD09_0.3_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD09_0_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD009_0.0_190502 | SD009 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_200415 | SD009 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_201012 | SD009 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_210414 | SD009 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_211022 | SD009 | 22 Oct 2021 | Normal | EB2130835 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD009_220329 | SD009 | 29 Mar 2022 | Normal | EB2209950 | 0.0002 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD009_230428 | SD009 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD009_231025 | SD009 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD009_240412 | SD009 | 12 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD009_241108 | SD009 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.001 | <0.0001 | <0.0005 |
| QLD_Hist_202012-3 | E0861_SD09_0.4_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | E0861_SD09_0_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_0861_PFAS | 0861_SD011_SD_0.3_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD011_SD_0_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD011_0.0_190501 | SD011 | 01 May 2019 | Normal | EB1911384 | 0.0021 | 0.0021 | 0.0006 | 0.0013 | <0.0020 | 0.0031 | 0.0005 | 0.0010 | <0.0005 | 0.0125 |
| QLD_0861_PFASOMP | 0861_SD011_200414 | SD011 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD011_201016 | SD011 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0101 | 0.0063 | 0.0009 | 0.0010 | <0.0005 | 0.0007 | <0.0005 | <0.0012 | <0.0005 | 0.0148 |
| QLD_0861_PFASOMP | 0861_SD011_210330 | SD011 | 30 Mar 2021 | Normal | EB2108857 | 0.0027 | 0.0040 | 0.0033 | 0.0030 | 0.0033 | 0.0033 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD011_211026 | SD011 | 26 Oct 2021 | Normal | EB2130850 | 0.0043 | 0.0016 | 0.0006 | 0.0012 | 0.0017 | 0.0018 | 0.0004 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD011_220328 | SD011 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD011_230417 | SD011 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD011_231024 | SD011 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0010 | <0.0002 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | 0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD011_240409 | SD011 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD011_241031 | SD011 | 31 Oct 2024 | Normal | 1173066 | 0.0009 | 0.0015 | 0.0003 | 0.0007 | 0.0006 | 0.0013 | <0.0005 | <0.0001 | <0.0001 | <0.0005 |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.0-0.1 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.4-0.5 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD106_0.0_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD106_0.4_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | 0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_QC1_SD_130117 | SD015 | 17 Jan 2013 | Field_D | EB1301006 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD106_0.4_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 5259_SD106_0_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_SD106_0.4_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | **0.0005** | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | E0861_SD106_0_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | <0.0005 | - | - | - | - | - | - | - | <0.005 |
| QLD_Hist_202012-3 | 0861_SED10_170302 | SD015 | 02 Mar 2017 | Normal | EB1704230 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.0025 | <0.001 | <0.001 |
| QLD_0861_PFAS | 0861_SD15_0.3_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD15_0_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_Hist_202012-3 | 0861_SED10_171016 | SD015 | 16 Oct 2017 | Normal | EB1721395 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD015_0.0_190430 | SD015 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD015_0.0_191119 | SD015 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0004** | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_200414 | SD015 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0006** | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_201012 | SD015 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_210412 | SD015 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_211019 | SD015 | 19 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD015_220329 | SD015 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | **0.0003** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD015_221018 | SD015 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD015_230426 | SD015 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD015_231025 | SD015 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD015_240409 | SD015 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD015_241107 | SD015 | 07 Nov 2024 | Normal | 1173066 | **0.0002** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD16_0.3_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | **0.0004** | **0.0020** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD16_0_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | **0.0008** | **0.0028** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD016_0.0_190430 | SD016 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD016_0.0_191119 | SD016 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_200414 | SD016 | 14 Apr 2020 | Normal | EB2010666-AE | **0.0011** | <0.0010 | <0.0010 | <0.0080 | <0.0042 | <0.0014 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD016_201012 | SD016 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_210412 | SD016 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_211019 | SD016 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_220329 | SD016 | 29 Mar 2022 | Normal | EB2209950 | **0.0006** | **0.0008** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_221018 | SD016 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD016_230428 | SD016 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD016_231025 | SD016 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD016_240409 | SD016 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD016_241105 | SD016 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | **0.0002** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD18_0.3_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD18_0_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD018_0.0_190430 | SD018 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD018_191119 | SD018 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_200414 | SD018 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_201012 | SD018 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_210412 | SD018 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_211019 | SD018 | 19 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD018_220329 | SD018 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD018_221018 | SD018 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD018_231025 | SD018 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD018_240409 | SD018 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC102_241106 | SD018 | 06 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC202_241106 | SD018 | 06 Nov 2024 | Interlab_D | 366584 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.005 | <0.005 | <0.005 | <0.05 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | 0861_SD018_241106 | SD018 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC202_241107 | SD018 | 07 Nov 2024 | Interlab_D | 367094 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD20_0.2_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD20_0_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD020_0.0_190430 | SD020 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD020_191119 | SD020 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD020_200415 | SD020 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC120_201012 | SD020 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC220_201012 | SD020 | 12 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD020_201012 | SD020 | 12 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD020_210412 | SD020 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | **0.0004** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD020_211019 | SD020 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD020_220329 | SD020 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC284_221018 | SD020 | 18 Oct 2022 | Field_D | EB2231197 | <0.0002 | **0.0005** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD020_221018 | SD020 | 18 Oct 2022 | Normal | EB2231197 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC184_221019 | SD020 | 19 Oct 2022 | Field_D | EB2231197 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD020_230428 | SD020 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD020_231025 | SD020 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC101_240409 | SD020 | 09 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0010 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC201_240409 | SD020 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD020_240409 | SD020 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD020_241106 | SD020 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0007 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD021_0.3_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | 0.0003 | 0.0019 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD021_0_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | 0.0017 | 0.0091 | 0.0015 | 0.0014 | 0.0072 | 0.0023 | 0.0042 | 0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD021_0.0_190503 | SD021 | 03 May 2019 | Normal | EB1911384 | <0.0005 | 0.0014 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | 0.0008 |
| QLD_0861_PFASOMP | 0861_SD021_200420 | SD021 | 20 Apr 2020 | Normal | EB2011246-AC | <0.001 | 0.0088 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.0025 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD021_201014 | SD021 | 14 Oct 2020 | Normal | EB2027172 | 0.0075 | 0.0146 | 0.0021 | 0.0008 | 0.0019 | 0.0010 | 0.0010 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD021_210330 | SD021 | 30 Mar 2021 | Normal | EB2108857 | 0.0007 | 0.0009 | <0.0002 | <0.0002 | 0.0002 | 0.0003 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC158_211021 | SD021 | 21 Oct 2021 | Field_D | EB2130835 | 0.0004 | 0.0007 | 0.0002 | <0.0002 | 0.0006 | 0.0004 | 0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC258_211021 | SD021 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.001 | 0.0011 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD021_211021 | SD021 | 21 Oct 2021 | Normal | EB2130835 | 0.0002 | 0.0005 | <0.0002 | <0.0002 | 0.0005 | 0.0004 | 0.0004 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD021_220331 | SD021 | 31 Mar 2022 | Normal | EB2209950 | <0.0244 | <0.0244 | <0.0244 | <0.0244 | <0.0244 | <0.0244 | <0.0244 | <0.0611 | <0.0244 | <0.0244 |
| QLD_0861_PFASOMP | 0861_SD021_221021 | SD021 | 21 Oct 2022 | Normal | EB2231197 | 0.0008 | 0.0022 | 0.0003 | 0.0002 | 0.0010 | 0.0010 | 0.0012 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD021_230426 | SD021 | 26 Apr 2023 | Normal | EB2312761-AA | 0.0003 | 0.0007 | <0.0002 | <0.0002 | 0.0004 | 0.0003 | 0.0004 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD021_231023 | SD021 | 23 Oct 2023 | Normal | EB2333894-AA | 0.0048 | 0.0123 | 0.0018 | 0.0014 | 0.0045 | 0.0029 | 0.0051 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD021_240410 | SD021 | 10 Apr 2024 | Normal | EB2413910 | <0.0010 | 0.0028 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_24a | 0861_SD021_241101 | SD021 | 01 Nov 2024 | Normal | 1173066 | 0.0010 | 0.0017 | 0.0006 | 0.0004 | 0.0016 | 0.0018 | 0.0019 | 0.0006 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD25_0_170601 | SD025 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD025_0.0_190507 | SD025 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC102_191120 | SD025 | 20 Nov 2019 | Field_D | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC202_191120 | SD025 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD025_0.0_191120 | SD025 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC103_200415 | SD025 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.0010 | <0.0010 | <0.0010 | <0.0050 | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1274649 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_200415 | SD025 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0040 | <0.0020 | <0.0050 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC125_201014 | SD025 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC225_201014 | SD025 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_201014 | SD025 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC150_210421 | SD025 | 21 Apr 2021 | Field_D | EB2111121 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC250_210421 | SD025 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_210421 | SD025 | 21 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD025_211022 | SD025 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC170_220328 | SD025 | 28 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC270_220328 | SD025 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD025_220328 | SD025 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD025_221020 | SD025 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC109_230426 | SD025 | 26 Apr 2023 | Field_D | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC209_230426 | SD025 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD025_230426 | SD025 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD025_231026 | SD025 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC105_240412 | SD025 | 12 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC205_240412 | SD025 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD025_240412 | SD025 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC103_241112 | SD025 | 12 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC203_241112 | SD025 | 12 Nov 2024 | Interlab_D | 366901 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | 0861_SD025_241112 | SD025 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD26_0.3_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | 0.0007 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD26_0_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD026_190507 | SD026 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC102_191127 | SD026 | 27 Nov 2019 | Field_D | EB1932183 | 0.0005 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC202_191127 | SD026 | 27 Nov 2019 | Interlab_D | 232094 | <0.0002 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD026_191127 | SD026 | 27 Nov 2019 | Normal | EB1932183 | 0.0006 | 0.0005 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_200421 | SD026 | 21 Apr 2020 | Normal | EB2011255 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD026_201015 | SD026 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_210416 | SD026 | 16 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_211020 | SD026 | 20 Oct 2021 | Normal | EB2130815 | <0.0002 | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_220401 | SD026 | 01 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD026_221020 | SD026 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD026_230419 | SD026 | 19 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD026_231024 | SD026 | 24 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC103_240411 | SD026 | 11 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC203_240411 | SD026 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD026_240411 | SD026 | 11 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD026_241108 | SD026 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD027_0_170913 | SD027 | 13 Sep 2017 | Normal | EB1719017 | **0.0002** | **0.0003** | <0.0002 | <0.0002 | **0.0005** | **0.0002** | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC102_0.0_190502 | SD027 | 02 May 2019 | Field_D | EB1911384 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFAS | 0861_QC202_0.0_190502 | SD027 | 02 May 2019 | Interlab_D | 217104 | <0.0002 | **0.0004** | <0.001 | <0.005 | <0.005 | <0.005 | <0.05 | <0.05 | <0.0002 | <0.0002 |
| QLD_0861_PFAS | 0861_SD027_0.0_190502 | SD027 | 02 May 2019 | Normal | EB1911384 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD027_200415 | SD027 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD027_201016 | SD027 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0008** | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD027_210330 | SD027 | 30 Mar 2021 | Normal | EB2108857 | **0.0008** | **0.0018** | <0.0005 | **0.0008** | **0.0010** | **0.0016** | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD027_211026 | SD027 | 26 Oct 2021 | Normal | EB2130850 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0005** | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD027_220328 | SD027 | 28 Mar 2022 | Normal | EB2209950 | <0.0010 | **0.0035** | <0.0010 | <0.0010 | <0.0010 | <0.0030 | <0.0010 | <0.0024 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD027_221021 | SD027 | 21 Oct 2022 | Normal | EB2231197 | **0.0022** | **0.0027** | **0.0004** | **0.0015** | **0.0008** | **0.0018** | **0.0009** | **0.0009** | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD027_230417 | SD027 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD027_231024 | SD027 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD027_240409 | SD027 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0004** | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD027_241028 | SD027 | 28 Oct 2024 | Normal | 1173066 | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | **0.0005** | <0.0001 | <0.001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD28_0.3_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | **0.0003** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD28_0_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD028_0.0_190502 | SD028 | 02 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC101_200414 | SD028 | 14 Apr 2020 | Field_D | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD028_200414 | SD028 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_201012 | SD028 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_210412 | SD028 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC154_211019 | SD028 | 19 Oct 2021 | Field_D | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC254_211019 | SD028 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD028_211019 | SD028 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_220329 | SD028 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD028_221018 | SD028 | 21 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | **0.0175** | <0.0010 | **0.0044** | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD028_230509 | SD028 | 09 May 2023 | Normal | EB2314270 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_Stage2_23 | 0861_SD028_230810 | SD028 | 10 Aug 2023 | Normal | 1018693 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_23 | 0861_SD028_231025 | SD028 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC100_240409 | SD028 | 09 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC200_240409 | SD028 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD028_240409 | SD028 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC105_241107 | SD028 | 07 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_SD028_241107 | SD028 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD030_0.3_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD030_0_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | **0.0019** | **0.0012** | **0.0003** | **0.0003** | **0.0010** | **0.0019** | <0.0002 | <0.0005 | <0.0005 | **0.0009** |
| QLD_0861_PFAS | 0861_QC102_0.0_190429 | SD030 | 29 Apr 2019 | Field_D | EB1911384 | <0.0005 | **0.0008** | **0.0005** | **0.0015** | **0.0031** | **0.0026** | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC202_0.0_190429 | SD030 | 29 Apr 2019 | Interlab_D | 217104 | **0.0011** | **0.0020** | **0.0019** | **0.005** | **0.01** | **0.0093** | **0.001** | <0.005 | <0.0001 | **0.0003** |
| QLD_0861_PFAS | 0861_SD030_0.0_190429 | SD030 | 29 Apr 2019 | Normal | EB1911384 | **0.0011** | **0.0017** | **0.0015** | **0.0027** | **0.0051** | **0.0042** | **0.0006** | **0.0006** | <0.0005 | **0.0006** |
| QLD_0861_PFAS | 0861_SD030_0.3_190513 | SD030 | 13 May 2019 | Normal | EB1912390 | <0.0002 | **0.0003** | **0.0003** | **0.0004** | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD030_200415 | SD030 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | **0.0005** | <0.0005 | **0.0006** | **0.0005** | <0.0005 | <0.0005 | <0.0012 | <0.0005 | **0.0058** |
| QLD_0861_PFASOMP | 0861_SD030_201016 | SD030 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0010 | <0.0010 | <0.0010 | **0.0016** | **0.0013** | **0.0016** | <0.0010 | <0.0025 | <0.0010 | **0.0018** |
| QLD_0861_PFASOMP | 0861_QC138_210330 | SD030 | 30 Mar 2021 | Field_D | EB2108857 | **0.0021** | **0.0023** | **0.0033** | **0.0038** | **0.0065** | **0.0076** | **0.0022** | **0.0016** | <0.0005 | **0.0013** |
| QLD_0861_PFASOMP | 0861_QC238_210330 | SD030 | 30 Mar 2021 | Interlab_D | RN1310437 | **0.0016** | **0.0025** | **0.0031** | **0.0049** | **0.0062** | **0.011** | **0.0032** | **0.0028** | <0.001 | **0.0028** |
| QLD_0861_PFASOMP | 0861_SD030_210330 | SD030 | 30 Mar 2021 | Normal | EB2108857 | <0.0026 | <0.0026 | <0.0026 | <0.0026 | **0.0038** | **0.0043** | <0.0026 | <0.0064 | <0.0026 | <0.0026 |
| QLD_0861_PFASOMP | 0861_QC164_211026 | SD030 | 26 Oct 2021 | Field_D | EB2130850 | **0.0007** | **0.0025** | **0.0040** | **0.0031** | **0.0049** | **0.0078** | **0.0050** | **0.0019** | <0.0005 | **0.0015** |
| QLD_0861_PFASOMP | 0861_QC264_211026 | SD030 | 26 Oct 2021 | Interlab_D | RN1333717 | **0.0013** | **0.0024** | **0.003** | **0.0033** | **0.0069** | **0.0058** | **0.0038** | <0.002 | <0.001 | **0.0024** |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD030_211026 | SD030 | 26 Oct 2021 | Normal | EB2130850 | 0.0007 | 0.0020 | 0.0026 | 0.0034 | 0.0050 | 0.0072 | 0.0043 | 0.0020 | <0.0005 | 0.0012 |
| QLD_0861_PFASOMP | 0861_SD030_220328 | SD030 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD030_221021 | SD030 | 21 Oct 2022 | Normal | EB2231197 | 0.0026 | 0.0035 | 0.0016 | 0.0026 | 0.0067 | 0.0126 | 0.0045 | 0.0022 | <0.0005 | 0.0025 |
| QLD_0861_PFASOMP_23 | 0861_SD030_230417 | SD030 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD030_231024 | SD030 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD030_240409 | SD030 | 09 Apr 2024 | Normal | EB2413910 | 0.0014 | 0.0017 | 0.0005 | 0.0013 | 0.0022 | <0.0005 | 0.0030 | <0.0012 | <0.0005 | 0.0014 |
| QLD_0861_PFASOMP_24a | 0861_SD030_241028 | SD030 | 28 Oct 2024 | Normal | 1173066 | 0.0013 | 0.0008 | 0.0002 | 0.0002 | 0.0005 | 0.0013 | 0.0003 | 0.0004 | <0.0001 | 0.0006 |
| QLD_0861_PFAS | 0861_SD033_0.3_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | 0.0005 | 0.0023 | 0.0005 | 0.0003 | 0.0003 | 0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD033_0_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | 0.0006 | 0.0009 | 0.0003 | 0.0004 | 0.0020 | 0.0039 | 0.0015 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD033_0.0_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | 0.0005 | 0.0038 | 0.0016 | 0.0089 | 0.0529 | 0.0544 | 0.0202 | 0.0051 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD033_0.3_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | <0.0005 | 0.0031 | 0.0016 | 0.0068 | 0.0273 | 0.0198 | 0.0074 | 0.0016 | <0.0005 | 0.0006 |
| QLD_0861_PFASOMP | 0861_SD033_200427 | SD033 | 27 Apr 2020 | Normal | EB2011562 | 0.0021 | 0.0060 | 0.0008 | 0.0019 | 0.0166 | 0.0788 | 0.0356 | 0.0169 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD033_201016 | SD033 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0024 | 0.0038 | <0.0010 | <0.0010 | 0.0017 | 0.0045 | 0.0020 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD033_210415 | SD033 | 15 Apr 2021 | Normal | EB2111116 | 0.0054 | 0.0195 | 0.0019 | 0.0014 | 0.0024 | 0.0045 | 0.0029 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD033_211026 | SD033 | 26 Oct 2021 | Normal | EB2130850 | 0.0006 | 0.0030 | 0.0003 | 0.0003 | 0.0006 | 0.0010 | 0.0005 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD033_220405 | SD033 | 05 Apr 2022 | Normal | EB2209950 | 0.0008 | 0.0030 | <0.0002 | <0.0002 | 0.0005 | 0.0006 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC194_221025 | SD033 | 25 Oct 2022 | Field_D | EB2231825 | 0.0003 | 0.0013 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC294_221025 | SD033 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.001 | 0.0026 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD033_221025 | SD033 | 25 Oct 2022 | Normal | EB2231825 | 0.0006 | 0.0026 | <0.0002 | <0.0002 | 0.0003 | 0.0006 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD033_230427 | SD033 | 27 Apr 2023 | Normal | EB2312761-AA | 0.0033 | 0.0115 | <0.0010 | <0.0010 | 0.0025 | 0.0033 | 0.0023 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD033_231030 | SD033 | 30 Oct 2023 | Normal | EB2333894-AA | 0.0015 | 0.0057 | 0.0012 | 0.0008 | 0.0013 | 0.0011 | 0.0015 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD033_240409 | SD033 | 09 Apr 2024 | Normal | EB2413910 | 0.0034 | 0.0087 | 0.0016 | 0.0038 | 0.0344 | 0.177 | 0.110 | 0.0622 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD34_0_170601 | SD034 | 01 Jun 2017 | Normal | EB1711387 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD034_0.0_190430 | SD034 | 30 Apr 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD034_191119 | SD034 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_200414 | SD034 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_201012 | SD034 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_210412 | SD034 | 12 Apr 2021 | Normal | EB2111116 | <0.0002 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_211019 | SD034 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0006 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_220329 | SD034 | 29 Mar 2022 | Normal | EB2209950 | <0.0002 | 0.0003 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD034_221018 | SD034 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD034_230428 | SD034 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD034_231025 | SD034 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD034_240409 | SD034 | 09 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD034_241106 | SD034 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SED36_0.3_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SED36_0_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD036_0_180119 | SD036 | 18 Jan 2018 | Normal | EB1802500 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD036_0.0_190501 | SD036 | 01 May 2019 | Normal | EB1911384 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_200415 | SD036 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0016 | <0.0005 | <0.0005 | <0.0080 | <0.0066 | <0.0030 | <0.0014 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_201014 | SD036 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC143_210414 | SD036 | 14 Apr 2021 | Field_D | EB2111121 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0008 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC243_210414 | SD036 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD036_210414 | SD036 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC156_211020 | SD036 | 20 Oct 2021 | Field_D | EB2130835 | <0.0006 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0018 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC256_211020 | SD036 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD036_211020 | SD036 | 20 Oct 2021 | Normal | EB2130835 | <0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0009 | <0.0012 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_220401 | SD036 | 01 Apr 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_221019 | SD036 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD036_230522 | SD036 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD036_231024 | SD036 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD036_240411 | SD036 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD036_241108 | SD036 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD037_0_170913 | SD037 | 13 Sep 2017 | Normal | EB1719017 | 0.0011 | 0.0024 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | 0.0011 |
| QLD_0861_PFAS | 0861_QC102_0.0_190501 | SD037 | 01 May 2019 | Field_D | EB1911384 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC202_0.0_190501 | SD037 | 01 May 2019 | Interlab_D | 217104 | 0.0006 | 0.0013 | 0.0004 | 0.0007 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | 0.0002 |
| QLD_0861_PFAS | 0861_SD037_0.0_190501 | SD037 | 01 May 2019 | Normal | EB1911384 | 0.0011 | 0.0030 | 0.0011 | 0.0012 | 0.0005 | 0.0004 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD037_0.0_191119 | SD037 | 19 Nov 2019 | Normal | EB1931427 | 0.0023 | 0.0079 | 0.0036 | 0.0113 | 0.0077 | 0.0036 | 0.0004 | <0.0005 | <0.0005 | 0.0035 |
| QLD_0861_PFASOMP | 0861_SD037_200415 | SD037 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0007 | 0.0010 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD037_201014 | SD037 | 14 Oct 2020 | Normal | EB2027172 | 0.0160 | 0.0604 | <0.0044 | <0.0038 | <0.0025 | <0.0025 | <0.0025 | <0.0063 | <0.0025 | <0.0095 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC140_210330 | SD037 | 30 Mar 2021 | Field_D | EB2108857 | 0.0011 | 0.0012 | 0.0006 | 0.0015 | 0.0012 | 0.0012 | 0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC240_210330 | SD037 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.001 | 0.0015 | 0.001 | 0.0037 | 0.003 | 0.0025 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD037_210330 | SD037 | 30 Mar 2021 | Normal | EB2108857 | 0.0012 | 0.0011 | 0.0008 | 0.0024 | 0.0014 | 0.0010 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD037_211026 | SD037 | 26 Oct 2021 | Normal | EB2130850 | 0.0003 | 0.0008 | 0.0003 | 0.0005 | <0.0002 | 0.0004 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD037_220330 | SD037 | 30 Mar 2022 | Normal | EB2209950 | <0.0010 | 0.0016 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD037_221021 | SD037 | 21 Oct 2022 | Normal | EB2231197 | <0.0004 | 0.0018 | <0.0002 | 0.0012 | 0.0009 | 0.0016 | 0.0005 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD037_230418 | SD037 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0018 | 0.0027 | 0.0005 | 0.0010 | 0.0006 | 0.0017 | <0.0012 | 0.0007 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD037_231027 | SD037 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0062 | 0.0251 | 0.0019 | 0.0030 | 0.0021 | <0.0023 | 0.0009 | <0.0006 | <0.0005 | 0.0026 |
| QLD_0861_PFASOMP_24 | 0861_SD037_240410 | SD037 | 10 Apr 2024 | Normal | EB2413910 | 0.0010 | 0.0020 | <0.0005 | 0.0018 | 0.0013 | 0.0013 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD037_241031 | SD037 | 31 Oct 2024 | Normal | 1173066 | 0.0035 | 0.0085 | 0.0020 | 0.0042 | 0.0021 | 0.0056 | <0.0005 | <0.0005 | 0.0001 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_200414 | SD038 | 14 Apr 2020 | Normal | EB2010666-AE | 0.0006 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_201016 | SD038 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_210330 | SD038 | 30 Mar 2021 | Normal | EB2108857 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_211025 | SD038 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_220330 | SD038 | 30 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD038_221024 | SD038 | 24 Oct 2022 | Normal | EB2231825 | 0.0005 | 0.0005 | <0.0002 | 0.0004 | 0.0008 | 0.0015 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD038_230420 | SD038 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD038_231129 | SD038 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD038_240418 | SD038 | 18 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD038_241106 | SD038 | 06 Nov 2024 | Normal | 1173066 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0011 | 0.0047 | 0.0011 | 0.0002 | <0.0001 | 0.0007 |
| QLD_0861_PFAS | 0861_SED39_0.3_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SED39_0_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD039_0.0_191120 | SD039 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD039_200415 | SD039 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC126_201014 | SD039 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC226_201014 | SD039 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD039_201014 | SD039 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD039_210330 | SD039 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0006 | <0.0042 | <0.0006 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC160_211022 | SD039 | 22 Oct 2021 | Field_D | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC260_211022 | SD039 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD039_211022 | SD039 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD039_220328 | SD039 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD039_221020 | SD039 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD039_230426 | SD039 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD039_231026 | SD039 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD039_240412 | SD039 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0007 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD039_241112 | SD039 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD40_0_170602 | SD040 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD040_0.0_190506 | SD040 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD040_0.0_191120 | SD040 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_200415 | SD040 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_201015 | SD040 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_210415 | SD040 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_211019 | SD040 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_220328 | SD040 | 28 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD040_221020 | SD040 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD040_230418 | SD040 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD040_231026 | SD040 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0013 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD040_240412 | SD040 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD041_0_171020 | SD041 | 17 Oct 2017 | Normal | EB1721894 | 0.0005 | 0.0007 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC101_190508 | SD041 | 08 May 2019 | Field_D | EB1911952 | 0.0036 | 0.0093 | 0.0007 | 0.0012 | 0.0022 | 0.0042 | 0.0014 | 0.0018 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC201_190508 | SD041 | 08 May 2019 | Interlab_D | 217521 | 0.0029 | 0.0080 | <0.002 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.002 | <0.002 |
| QLD_0861_PFAS | 0861_SD041_0.0_190508 | SD041 | 08 May 2019 | Normal | EB1911952 | 0.0020 | 0.0050 | 0.0003 | 0.0006 | 0.0009 | 0.0022 | 0.0008 | 0.0009 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD041_191119 | SD041 | 19 Nov 2019 | Normal | EB1931427 | 0.0037 | 0.0073 | 0.0004 | 0.0008 | 0.0013 | 0.0031 | 0.0011 | 0.0010 | <0.0005 | 0.0014 |
| QLD_0861_PFASOMP | 0861_SD041_200415 | SD041 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0083 | 0.0366 | <0.0025 | <0.0025 | 0.0046 | 0.0028 | <0.0025 | <0.0063 | <0.0025 | <0.0025 |
| QLD_0861_PFASOMP | 0861_SD041_201015 | SD041 | 15 Oct 2020 | Normal | EB2027172 | 0.0113 | 0.0259 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0126 | <0.0050 | <0.0050 |
| QLD_0861_PFASOMP | 0861_SD041_210330 | SD041 | 30 Mar 2021 | Normal | EB2108857 | 0.0026 | 0.0105 | <0.0012 | <0.0012 | 0.0079 | 0.0140 | 0.0019 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD041_211026 | SD041 | 26 Oct 2021 | Normal | EB2130850 | 0.0004 | 0.0013 | <0.0002 | <0.0002 | 0.0006 | 0.0005 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD041_220328 | SD041 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC188_221020 | SD041 | 20 Oct 2022 | Field_D | EB2231197 | <0.0006 | 0.0018 | <0.0002 | <0.0002 | 0.0010 | 0.0025 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC288_221020 | SD041 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP | 0861_SD041_221020 | SD041 | 20 Oct 2022 | Normal | EB2231197 | **0.0012** | **0.0027** | <0.0002 | <0.0002 | **0.0010** | **0.0024** | **0.0003** | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD041_230418 | SD041 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0049 | **0.0177** | <0.0049 | <0.0049 | <0.0049 | **0.0054** | <0.0049 | <0.0122 | <0.0049 | <0.0049 |
| QLD_0861_PFASOMP_23 | 0861_SD041_231024 | SD041 | 24 Oct 2023 | Normal | EB2333894-AA | **0.0060** | **0.0307** | **0.0022** | **0.0038** | **0.0069** | **0.0093** | **0.0011** | <0.0005 | <0.0005 | **0.0016** |
| QLD_0861_PFASOMP_24 | 0861_SD041_240412 | SD041 | 12 Apr 2024 | Normal | EB2413910 | **0.0014** | **0.0054** | <0.0005 | <0.0005 | **0.0020** | <0.0032 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD041_241105 | SD041 | 05 Nov 2024 | Normal | 1173066 | **0.0064** | **0.012** | **0.0034** | **0.0021** | **0.0051** | **0.0053** | **0.0007** | **0.0003** | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD43_0.3_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD43_0_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD043_0.0_191120 | SD043 | 19 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_200428 | SD043 | 28 Apr 2020 | Normal | EB2011568 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_201015 | SD043 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_210415 | SD043 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_211022 | SD043 | 22 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_220404 | SD043 | 04 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_221020 | SD043 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD043_230419 | SD043 | 19 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD043_231026 | SD043 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD043_240411 | SD043 | 11 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD043_241112 | SD043 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD45_0_170602 | SD045 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD045_0.0_190506 | SD045 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC104_191120 | SD045 | 20 Nov 2019 | Field_D | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC204_1_191120 | SD045 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD045_0.0_191120 | SD045 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_200415 | SD045 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_201015 | SD045 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_210415 | SD045 | 15 Apr 2021 | Normal | EB2111112 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_211019 | SD045 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_220329 | SD045 | 29 Mar 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_221020 | SD045 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD045_230418 | SD045 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | **0.0003** | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD045_231026 | SD045 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0010 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC104_240412 | SD045 | 12 Apr 2024 | Field_D | EB2413950 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC204_240412 | SD045 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD045_240412 | SD045 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD045_241112 | SD045 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | **0.0002** | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD47_0.3_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD47_0_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | **0.0004** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD047_0.0_190501 | SD047 | 01 May 2019 | Normal | EB1911384 | **0.0003** | **0.0005** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD047_191121 | SD047 | 21 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_200422 | SD047 | 22 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_201013 | SD047 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_210414 | SD047 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_211020 | SD047 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_220331 | SD047 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | **0.0002** | **0.0002** | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_221019 | SD047 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD047_230522 | SD047 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0681_QC106_231023 | SD047 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC206_231023 | SD047 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD047_231023 | SD047 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD047_240411 | SD047 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD047_241118 | SD047 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD049_0.1_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | **0.0003** | **0.0011** | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD049_0.4_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | **0.0004** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD049_0.0_190510 | SD049 | 10 May 2019 | Normal | EB1911952 | **0.0004** | **0.0013** | **0.0003** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC109_200420 | SD049 | 20 Apr 2020 | Field_D | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC209_200420 | SD049 | 20 Apr 2020 | Interlab_D | RN1274652 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2011246-AC | **0.0002** | **0.0007** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2012139 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD049_201013 | SD049 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | **0.0022** | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD049_210413 | SD049 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD049_211020 | SD049 | 20 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_QC173_220331 | SD049 | 31 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC273_220331 | SD049 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD049_220331 | SD049 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC186_221019 | SD049 | 19 Oct 2022 | Field_D | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC286_221019 | SD049 | 19 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD049_221019 | SD049 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD049_230426 | SD049 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0002 | 0.0007 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC102_240410 | SD049 | 10 Apr 2024 | Field_D | EB2413950 | <0.0002 | 0.0005 | <0.0004 | <0.0002 | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_QC202_240410 | SD049 | 10 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_24 | 0861_SD049_240410 | SD049 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD049_241101 | SD049 | 01 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SED50_0.3_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SED50_0_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD050_0.0_190501 | SD050 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD050_0.0_191118 | SD050 | 18 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD050_200415 | SD050 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0035 | 0.0014 | 0.0012 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | 0.0012 |
| QLD_0861_PFASOMP | 0861_SD050_201014 | SD050 | 14 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD050_210414 | SD050 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD050_211019 | SD050 | 19 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0006 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD050_220401 | SD050 | 01 Apr 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | 0.0004 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD050_230511 | SD050 | 11 May 2023 | Normal | EB2314270 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD050_231024 | SD050 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD050_240411 | SD050 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD050_241104 | SD050 | 04 Nov 2024 | Normal | 1173066 | 0.0002 | 0.0007 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD51_0_170602 | SD051 | 02 Jun 2017 | Normal | EB1711373 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD051_0.0_190501 | SD051 | 01 May 2019 | Normal | EB1911384 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD051_0.0_191118 | SD051 | 18 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_200415 | SD051 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_201014 | SD051 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_210413 | SD051 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0005 | 0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_211019 | SD051 | 19 Oct 2021 | Normal | EB2130835 | <0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_220401 | SD051 | 01 Apr 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD051_221020 | SD051 | 20 Oct 2022 | Normal | EB2231197 | 0.0005 | 0.0003 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD051_230419 | SD051 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD051_231024 | SD051 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD051_240411 | SD051 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD051_241104 | SD051 | 04 Nov 2024 | Normal | 1173066 | 0.0003 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_QC01_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC02_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_QC03_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC04_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SED52_0.3_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SED52_0_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD052_0.0_190510 | SD052 | 10 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD052_191121 | SD052 | 21 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD052_200420 | SD052 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0011 | <0.0005 | <0.0005 | <0.0005 | <0.002 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD052_201013 | SD052 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD052_210413 | SD052 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD052_211020 | SD052 | 20 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD052_220331 | SD052 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD052_221019 | SD052 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD052_230426 | SD052 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0681_QC104_231023 | SD052 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC204_231023 | SD052 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD052_231023 | SD052 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_24 | 0861_SD052_240410 | SD052 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241118 | SD052 | 18 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241118 | SD052 | 18 Nov 2024 | Interlab_D | 366901 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.002 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD052_241118 | SD052 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0002 | <0.0005 | <0.0005 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD053_0.55_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD053_0_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | 0.0006 | 0.0007 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | SD053_191203 | SD053 | 03 Dec 2019 | Normal | EB1932627 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_200421 | SD053 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_201021 | SD053 | 21 Oct 2020 | Normal | EB2027539 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_210419 | SD053 | 19 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_211025 | SD053 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_220406 | SD053 | 06 Apr 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD053_221024 | SD053 | 24 Oct 2022 | Normal | EB2231825 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD053_230420 | SD053 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0002 | 0.0003 | <0.0002 | 0.0002 | <0.0002 | 0.0003 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD053_231129 | SD053 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD053_240418 | SD053 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | 0.0012 | <0.0005 | <0.0006 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD053_241105 | SD053 | 05 Nov 2024 | Normal | 1173066 | 0.0004 | 0.0006 | 0.0004 | 0.0010 | 0.0006 | 0.0014 | 0.0005 | 0.0011 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_QC102_170913 | SD056 | 13 Sep 2017 | Field_D | EB1719017 | 0.0006 | 0.0015 | <0.0002 | 0.0005 | 0.0021 | 0.0024 | 0.0004 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC202_170915 | SD056 | 13 Sep 2017 | Interlab_D | 175963 | <0.0001 | 0.0005 | <0.0001 | <0.0005 | <0.0005 | 0.001 | 0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD056_0.4_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | 0.0002 | 0.0009 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD056_0_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | 0.0003 | <0.0002 | <0.0002 | 0.0002 | 0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD056_0.0_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | 0.0007 | 0.0017 | 0.0004 | 0.0015 | 0.0019 | 0.0037 | 0.0004 | 0.0010 | <0.0005 | 0.0005 |
| QLD_0861_PFAS | 0861_SD056_0.3_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | 0.0007 | 0.0018 | 0.0005 | 0.0010 | 0.0007 | 0.0009 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC102_191118 | SD056 | 18 Nov 2019 | Field_D | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC201_191118 | SD056 | 18 Nov 2019 | Interlab_D | 231783 | 0.0002 | 0.0004 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD056_0.0_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD056_0.3_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC105_200415 | SD056 | 15 Apr 2020 | Field_D | EB2010666-AE | 0.0016 | 0.0027 | <0.0010 | 0.0012 | 0.0016 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1271947 | 0.0012 | 0.0024 | 0.0011 | 0.0020 | <0.002 | 0.0030 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1274650 | 0.0012 | 0.0024 | 0.0011 | 0.002 | <0.002 | 0.003 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD056_200415 | SD056 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0017 | 0.0020 | 0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD056_201019 | SD056 | 19 Oct 2020 | Normal | EB2027539 | 0.0004 | 0.0010 | 0.0002 | 0.0004 | 0.0008 | 0.0014 | 0.0004 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD056_210330 | SD056 | 30 Mar 2021 | Normal | EB2108857 | 0.0035 | 0.0068 | 0.0036 | 0.0031 | 0.0018 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD056_211026 | SD056 | 26 Oct 2021 | Normal | EB2130850 | <0.0010 | 0.0012 | <0.0010 | <0.0010 | 0.0012 | 0.0015 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD056_220328 | SD056 | 28 Mar 2022 | Normal | EB2209950 | 0.0023 | 0.0155 | 0.0027 | 0.0014 | 0.0021 | 0.0019 | 0.0006 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC190_221021 | SD056 | 21 Oct 2022 | Field_D | EB2231197 | 0.0292 | 0.0246 | 0.0022 | 0.0028 | 0.0025 | 0.0024 | 0.0007 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC290_221021 | SD056 | 21 Oct 2022 | Interlab_D | RN1370747 | 0.017 | 0.012 | 0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD056_221021 | SD056 | 21 Oct 2022 | Normal | EB2231197 | 0.0278 | 0.0191 | 0.0017 | 0.0016 | 0.0016 | <0.0008 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD056_230418 | SD056 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0012 | 0.0023 | 0.0004 | 0.0006 | 0.0025 | 0.0042 | 0.0009 | 0.0007 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD056_231024 | SD056 | 24 Oct 2023 | Normal | EB2333894-AA | 0.0040 | 0.0075 | 0.0011 | 0.0010 | 0.0011 | 0.0024 | 0.0010 | <0.0013 | <0.0005 | 0.0010 |
| QLD_0861_PFASOMP_24 | 0861_SD056_240409 | SD056 | 09 Apr 2024 | Normal | EB2413910 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_24a | 0861_SD056_241028 | SD056 | 28 Oct 2024 | Normal | 1173066 | 0.0032 | 0.0028 | 0.0006 | 0.0007 | 0.0018 | 0.0016 | <0.0005 | <0.0005 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD059_0.3_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD059_0_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD059_0.0_190429 | SD059 | 29 Apr 2019 | Normal | EB1911384 | 0.0005 | 0.0017 | 0.0003 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD059_200415 | SD059 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0007 | 0.0016 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD059_201016 | SD059 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0021 | 0.0044 | 0.0008 | 0.0010 | 0.0011 | 0.0011 | <0.0002 | <0.0005 | <0.0005 | 0.0009 |
| QLD_0861_PFASOMP | 0861_SD059_210330 | SD059 | 30 Mar 2021 | Normal | EB2108857 | 0.0020 | 0.0046 | 0.0012 | 0.0014 | 0.0014 | 0.0008 | <0.0005 | <0.0012 | <0.0005 | 0.0008 |
| QLD_0861_PFASOMP | 0861_SD059_211026 | SD059 | 26 Oct 2021 | Normal | EB2130850 | 0.0011 | 0.0033 | 0.0009 | 0.0006 | 0.0010 | 0.0007 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD059_220328 | SD059 | 28 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD059_221021 | SD059 | 21 Oct 2022 | Normal | EB2231197 | 0.0059 | 0.0156 | 0.0043 | 0.0048 | 0.0068 | 0.0059 | 0.0010 | <0.0012 | <0.0005 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_QC107_230417 | SD059 | 17 Apr 2023 | Field_D | EB2312062-AA | 0.0004 | 0.0007 | <0.0002 | <0.0002 | <0.0002 | 0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC207_230417 | SD059 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD059_230417 | SD059 | 17 Apr 2023 | Normal | EB2312062-AA | 0.0002 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD059_231027 | SD059 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0018 | 0.0073 | 0.0016 | 0.0012 | 0.0016 | 0.0022 | 0.0006 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD059_240409 | SD059 | 09 Apr 2024 | Normal | EB2413910 | 0.0026 | 0.0070 | 0.0014 | 0.0019 | 0.0022 | <0.0034 | <0.0006 | <0.0016 | <0.0006 | <0.0006 |
| QLD_0861_PFASOMP_24a | 0861_SD059_241031 | SD059 | 31 Oct 2024 | Normal | 1173066 | 0.0013 | 0.0024 | 0.0014 | 0.0025 | 0.0037 | 0.0047 | <0.0005 | 0.0005 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD064_0.2_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | 0.0005 | 0.0014 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD064_0_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | 0.0003 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD64_0.0_190513 | SD064 | 13 May 2019 | Normal | EB1912390 | 0.0003 | 0.0006 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_200421 | SD064 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_201021 | SD064 | 21 Oct 2020 | Normal | EB2027539 | 0.0004 | 0.0008 | 0.0004 | 0.0003 | 0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_210419 | SD064 | 19 Apr 2021 | Normal | EB2111116 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD064_211025 | SD064 | 25 Oct 2021 | Normal | EB2130835 | 0.0004 | 0.0011 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_220406 | SD064 | 06 Apr 2022 | Normal | EB2209951 | 0.0002 | 0.0007 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD064_221024 | SD064 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | 0.0007 | <0.0005 | <0.0005 | <0.0005 | 0.0015 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD064_230420 | SD064 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0003 | 0.0011 | <0.0002 | 0.0006 | 0.0005 | 0.0004 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD064_231129 | SD064 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0005 | 0.0010 | <0.0005 | <0.0005 | <0.0008 | 0.0010 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD064_240418 | SD064 | 18 Apr 2024 | Normal | EB2413910 | 0.0002 | 0.0007 | <0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD064_241105 | SD064 | 05 Nov 2024 | Normal | 1173066 | 0.0003 | 0.0007 | <0.0001 | 0.0002 | 0.0002 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD067_0.1_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | 0.0011 | 0.0035 | 0.0038 | 0.0020 | 0.0005 | 0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD067_0_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | <0.0002 | 0.0003 | 0.0002 | 0.0006 | 0.0021 | 0.0046 | 0.0011 | 0.0011 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD67_0.0_190513 | SD067 | 13 May 2019 | Normal | EB1912390 | 0.0038 | 0.0127 | 0.0041 | 0.0070 | 0.0086 | 0.0109 | 0.0021 | 0.0016 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD067_200421 | SD067 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0025 | <0.0062 | <0.0025 | <0.0025 |
| QLD_0861_PFASOMP | 0861_SD067_201021 | SD067 | 21 Oct 2020 | Normal | EB2027539 | 0.0009 | 0.0020 | 0.0004 | 0.0005 | 0.0010 | 0.0023 | 0.0007 | 0.0009 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD067_210419 | SD067 | 19 Apr 2021 | Normal | EB2111116 | <0.0005 | 0.0008 | 0.0006 | 0.0009 | 0.0014 | 0.0027 | 0.0009 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD067_211025 | SD067 | 25 Oct 2021 | Normal | EB2130835 | 0.0045 | 0.0116 | 0.0086 | 0.0078 | 0.0056 | 0.0078 | 0.0020 | <0.0024 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD067_220406 | SD067 | 06 Apr 2022 | Normal | EB2209951 | 0.0030 | 0.0056 | 0.0033 | 0.0055 | 0.0069 | 0.0092 | 0.0020 | 0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD067_221024 | SD067 | 24 Oct 2022 | Normal | EB2231825 | 0.0015 | 0.0026 | 0.0018 | 0.0034 | 0.0061 | 0.0100 | 0.0024 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD067_230420 | SD067 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0006 | 0.0016 | 0.0005 | 0.0006 | 0.0013 | 0.0022 | 0.0010 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD067_231129 | SD067 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0049 | 0.0099 | <0.0049 | 0.0066 | 0.0121 | 0.0281 | 0.0088 | <0.0123 | <0.0049 | <0.0049 |
| QLD_0861_PFASOMP_24 | 0861_SD067_240418 | SD067 | 18 Apr 2024 | Normal | EB2413910 | <0.0050 | 0.0076 | <0.0050 | <0.0050 | 0.0065 | 0.0076 | <0.0050 | <0.0126 | <0.0050 | <0.0050 |
| QLD_0861_PFASOMP_24a | 0861_SD067_241105 | SD067 | 05 Nov 2024 | Normal | 1173066 | 0.0030 | 0.0064 | 0.0040 | 0.0051 | 0.0083 | 0.014 | 0.0043 | 0.0019 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD076_SD_0.4_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | 0.0003 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD076_SD_0_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | <0.0002 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD076_0.0_190501 | SD076 | 01 May 2019 | Normal | EB1911384 | 0.0004 | 0.0009 | 0.0002 | 0.0004 | 0.0005 | 0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD076_200415 | SD076 | 15 Apr 2020 | Normal | EB2010666-AE | 0.0044 | 0.0030 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD076_201016 | SD076 | 16 Oct 2020 | Normal | EB2027176-AA | 0.0021 | 0.0021 | 0.0006 | 0.0006 | 0.0010 | 0.0014 | 0.0002 | <0.0005 | <0.0005 | 0.0006 |
| QLD_0861_PFASOMP | 0861_SD076_210330 | SD076 | 30 Mar 2021 | Normal | EB2108857 | 0.0012 | 0.0016 | <0.0010 | <0.0010 | 0.0016 | 0.0022 | <0.0010 | <0.0025 | <0.0010 | 0.0014 |
| QLD_0861_PFASOMP | 0861_SD076_211026 | SD076 | 26 Oct 2021 | Normal | EB2130850 | 0.0005 | 0.0015 | 0.0008 | 0.0007 | 0.0009 | 0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD076_220328 | SD076 | 28 Mar 2022 | Normal | EB2209950 | <0.0004 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD076_230418 | SD076 | 18 Apr 2023 | Normal | EB2312062-AA | 0.0003 | 0.0005 | 0.0002 | 0.0003 | 0.0005 | 0.0009 | 0.0006 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD076_231027 | SD076 | 27 Oct 2023 | Normal | EB2333894-AA | 0.0026 | 0.0067 | 0.0013 | 0.0014 | 0.0018 | 0.0037 | 0.0012 | <0.0006 | <0.0005 | 0.0011 |
| QLD_0861_PFASOMP_24 | 0861_SD076_240409 | SD076 | 09 Apr 2024 | Normal | EB2413910 | 0.0014 | 0.0021 | 0.0004 | <0.0002 | 0.0005 | 0.0009 | 0.0003 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD076_241028 | SD076 | 28 Oct 2024 | Normal | 1173066 | 0.0014 | 0.0016 | 0.0004 | 0.0005 | 0.0007 | 0.0009 | 0.0002 | 0.0002 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD079_0.2_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | 0.0002 | 0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD079_0_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | 0.0003 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD079_200421 | SD079 | 21 Apr 2020 | Normal | EB2011246-AC | 0.0004 | 0.001 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD079_201021 | SD079 | 21 Oct 2020 | Normal | EB2027539 | 0.0005 | 0.0010 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC146_210419 | SD079 | 19 Apr 2021 | Field_D | EB2111121 | <0.0012 | 0.0046 | <0.0010 | 0.0011 | 0.0024 | 0.0042 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC246_210419 | SD079 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.001 | 0.0018 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD079_210419 | SD079 | 19 Apr 2021 | Normal | EB2111116 | <0.0010 | 0.0016 | <0.0010 | <0.0010 | 0.0012 | 0.0016 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD079_211025 | SD079 | 25 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD079_220406 | SD079 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0008 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD079_221024 | SD079 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | 0.0015 | <0.0005 | <0.0005 | 0.0009 | 0.0007 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD079_230420 | SD079 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0056 | 0.0180 | <0.0016 | 0.0024 | 0.0056 | 0.0096 | 0.0026 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD079_231129 | SD079 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0012 | 0.0018 | <0.0012 | <0.0012 | <0.0012 | 0.0028 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP_24 | 0861_SD079_240418 | SD079 | 18 Apr 2024 | Normal | EB2413910 | 0.0002 | 0.0005 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241105 | SD079 | 05 Nov 2024 | Field_D | 1156536 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241105 | SD079 | 05 Nov 2024 | Interlab_D | 365858 | 0.0003 | 0.0008 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFASOMP_24a | 0861_SD079_241105 | SD079 | 05 Nov 2024 | Normal | 1173066 | 0.0005 | 0.0009 | 0.0001 | <0.0001 | 0.0003 | 0.0004 | 0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD80_0.0_190513 | SD080 | 13 May 2019 | Normal | EB1912390 | 0.0007 | 0.0020 | 0.0002 | 0.0006 | 0.0011 | 0.0024 | 0.0010 | 0.0008 | <0.0005 | 0.0007 |
| QLD_0861_PFAS | QC102_191203 | SD080 | 03 Dec 2019 | Field_D | EB1932627 | <0.0010 | <0.0010 | 0.0010 | 0.0010 | 0.0014 | 0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFAS | SD080_191203 | SD080 | 03 Dec 2019 | Normal | EB1932627 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD080_200421 | SD080 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0036 | 0.0016 | 0.0006 | 0.0024 | <0.0054 | 0.0046 | <0.0005 | <0.0012 | <0.0005 | 0.0033 |
| QLD_0861_PFASOMP | 0861_SD080_201021 | SD080 | 21 Oct 2020 | Normal | EB2027539 | 0.0013 | 0.0055 | 0.0013 | 0.0020 | 0.0034 | 0.0047 | 0.0012 | 0.0015 | <0.0005 | 0.0022 |
| QLD_0861_PFASOMP | 0861_SD080_210419 | SD080 | 19 Apr 2021 | Normal | EB2111116 | 0.0029 | 0.0090 | 0.0052 | 0.0103 | 0.0169 | 0.0140 | 0.0046 | 0.0029 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD080_211025 | SD080 | 25 Oct 2021 | Normal | EB2130835 | 0.0024 | 0.0076 | 0.0048 | 0.0079 | 0.0270 | 0.0248 | 0.0091 | 0.0052 | <0.0010 | 0.0011 |
| QLD_0861_PFASOMP | 0861_SD080_220406 | SD080 | 06 Apr 2022 | Normal | EB2209951 | 0.0016 | 0.0051 | 0.0028 | 0.0035 | 0.0076 | 0.0087 | 0.0035 | 0.0018 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD080_221024 | SD080 | 24 Oct 2022 | Normal | EB2231825 | 0.0043 | 0.0100 | 0.0146 | 0.0148 | 0.0189 | 0.0199 | 0.0097 | 0.0053 | <0.0010 | 0.0021 |
| QLD_0861_PFASOMP_23 | 0861_SD080_230420 | SD080 | 21 Apr 2023 | Normal | EB2312062-AA | 0.0005 | 0.0013 | <0.0002 | 0.0002 | <0.0004 | 0.0010 | 0.0009 | 0.0007 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD080_231129 | SD080 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0013 | 0.0040 | <0.0013 | <0.0013 | 0.0017 | 0.0046 | 0.0027 | <0.0032 | <0.0013 | <0.0013 |
| QLD_0861_PFASOMP_24 | 0861_SD080_240418 | SD080 | 18 Apr 2024 | Normal | EB2413910 | 0.0028 | 0.0041 | 0.0028 | 0.0034 | 0.0072 | 0.0089 | 0.0036 | 0.0020 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD080_241105 | SD080 | 05 Nov 2024 | Normal | 1173066 | 0.0080 | 0.014 | 0.0079 | 0.01 | 0.018 | 0.02 | 0.0084 | 0.015 | <0.0001 | 0.0014 |
| QLD_0861_PFAS | 0861_SD088_0.2_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD088_0_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD088_200420 | SD088 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0026 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC122_201013 | SD088 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC222_201013 | SD088 | 13 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD088_201013 | SD088 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD088_210413 | SD088 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD088_211020 | SD088 | 20 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC174_220331 | SD088 | 31 Mar 2022 | Field_D | EB2209942 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC274_220331 | SD088 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD088_220331 | SD088 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD088_221019 | SD088 | 19 Oct 2022 | Normal | EB2231197 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP_23 | 0861_SD088_230522 | SD088 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0681_QC105_231023 | SD088 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861-_QC205_231023 | SD088 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD088_231023 | SD088 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD088_240410 | SD088 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD088_241118 | SD088 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD089_0.4_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD089_0_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD089_0.0_190510 | SD089 | 10 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_200420 | SD089 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0014 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_201013 | SD089 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_210413 | SD089 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_211020 | SD089 | 20 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD089_220331 | SD089 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_221019 | SD089 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD089_230522 | SD089 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD089_231023 | SD089 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD089_240410 | SD089 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD089_241118 | SD089 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD091_0.25_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD091_0_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD091_0.0_190510 | SD091 | 10 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_200420 | SD091 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0022 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_201013 | SD091 | 13 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_210414 | SD091 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_211021 | SD091 | 21 Oct 2021 | Normal | EB2130835 | <0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0012 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_220331 | SD091 | 31 Mar 2022 | Normal | EB2209950 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_221021 | SD091 | 21 Oct 2022 | Normal | EB2231197 | 0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD091_230522 | SD091 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0681_QC102_231023 | SD091 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC202_231023 | SD091 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP_23 | 0861_SD091_231023 | SD091 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD091_240410 | SD091 | 10 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD091_241118 | SD091 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD094_0.2_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | 0.0004 | 0.0006 | 0.0009 | <0.0002 | 0.0014 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD094_0_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | 0.0008 | 0.0022 | 0.0027 | 0.0010 | 0.0006 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD094_200415 | SD094 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC124_201014 | SD094 | 14 Oct 2020 | Field_D | EB2027176-AA | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC224_201014 | SD094 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD094_201014 | SD094 | 14 Oct 2020 | Normal | EB2027172 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD094_210414 | SD094 | 14 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD094_211022 | SD094 | 22 Oct 2021 | Normal | EB2130835 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC177_220401 | SD094 | 01 Apr 2022 | Field_D | EB2209942 | 0.0004 | 0.0004 | 0.0002 | <0.0003 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC277_220401 | SD094 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.002 | <0.002 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD094_220401 | SD094 | 01 Apr 2022 | Normal | EB2209950 | 0.0003 | 0.0003 | 0.0002 | 0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD094_221019 | SD094 | 19 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD094_230522 | SD094 | 22 May 2023 | Normal | EB2315514 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |

| | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | PFAS - (n:2) Fluorote | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_SD094_231024 | SD094 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP_24 | 0861_SD094_240411 | SD094 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD094_241108 | SD094 | 08 Nov 2024 | Normal | 1173066 | **0.0001** | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD098_0_170915 | SD098 | 15 Sep 2017 | Normal | EB1719132 | **0.0002** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD098_0.0_190506 | SD098 | 06 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD098_0.0_191120 | SD098 | 20 Nov 2019 | Normal | EB1931427 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_200415 | SD098 | 15 Apr 2020 | Normal | EB2010666-AF | **0.0013** | <0.0005 | <0.0005 | <0.0008 | <0.0005 | <0.0014 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_201015 | SD098 | 15 Oct 2020 | Normal | EB2027208-AA | **0.0003** | **0.0004** | **0.0002** | **0.0004** | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_210415 | SD098 | 15 Apr 2021 | Normal | EB2111112 | **0.0003** | <0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_211019 | SD098 | 19 Oct 2021 | Normal | EB2130815 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_220401 | SD098 | 01 Apr 2022 | Normal | EB2209946 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD098_221020 | SD098 | 20 Oct 2022 | Normal | EB2231202 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC108_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_QC208_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD098_230418 | SD098 | 18 Apr 2023 | Normal | EB2312057 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD098_231026 | SD098 | 26 Oct 2023 | Normal | EB2333898 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD098_240412 | SD098 | 12 Apr 2024 | Normal | EB2413946 | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD098_241108 | SD098 | 08 Nov 2024 | Normal | 1173066 | **0.0004** | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD099_0.4_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD099_0_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | <0.0002 | **0.0007** | **0.0003** | <0.0002 | **0.0009** | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD099_0.0_190507 | SD099 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD099_191127 | SD099 | 27 Nov 2019 | Normal | EB1932183 | <0.0002 | **0.0005** | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_200421 | SD099 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_201015 | SD099 | 15 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_210413 | SD099 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_211020 | SD099 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_220329 | SD099 | 29 Mar 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD099_221020 | SD099 | 20 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD099_230419 | SD099 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0002 | <0.0002 | <0.0002 | <0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0006 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD099_231024 | SD099 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24 | 0861_SD099_240411 | SD099 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD099_241106 | SD099 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |
| QLD_0861_PFAS | 0861_SD100_0.2_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD100_0_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC103_190507 | SD100 | 07 May 2019 | Field_D | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_SD100_0.0_190507 | SD100 | 07 May 2019 | Normal | EB1911952 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | 0861_QC204_191127 | SD100 | 27 Nov 2019 | Interlab_D | 232094-A | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.0001 | <0.0001 |
| QLD_0861_PFAS | 0861_SD100_0.1_191127 | SD100 | 27 Nov 2019 | Normal | EB1932183 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFAS | QC104_191127 | SD100 | 27 Nov 2019 | Field_D | EB1934177 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_200421 | SD100 | 21 Apr 2020 | Normal | EB2011246-AC | <0.001 | <0.001 | <0.001 | <0.001 | <0.0014 | <0.001 | <0.001 | <0.0025 | <0.001 | <0.001 |
| QLD_0861_PFASOMP | 0861_SD100_201015 | SD100 | 15 Oct 2020 | Normal | EB2027172 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_210413 | SD100 | 13 Apr 2021 | Normal | EB2111116 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_211020 | SD100 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_220329 | SD100 | 29 Mar 2022 | Normal | EB2209951 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD100_221020 | SD100 | 20 Oct 2022 | Normal | EB2231197 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD100_230419 | SD100 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_23 | 0861_SD100_231024 | SD100 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0020 |
| QLD_0861_PFASOMP_24 | 0861_SD100_240411 | SD100 | 11 Apr 2024 | Normal | EB2413910 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0005 | <0.0005 | <0.0005 |
| QLD_0861_PFASOMP_24a | 0861_SD100_241106 | SD100 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | **0.0001** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFAS | 0861_SD002_0.4_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFAS | 0861_SD002_0_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0180** |
| QLD_0861_PFAS | 0861_SD002_0.0_190429 | SD002 | 29 Apr 2019 | Normal | EB1911384 | **0.0030** | **0.0006** | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0095** |
| QLD_0861_PFASOMP | 0861_SD002_200415 | SD002 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0087** |
| QLD_0861_PFASOMP | 0861_SD002_201016 | SD002 | 16 Oct 2020 | Normal | EB2027176-AA | **0.0008** | **0.0014** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0163** |
| QLD_0861_PFASOMP | 0861_SD002_210330 | SD002 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0086** |
| QLD_0861_PFASOMP | 0861_SD002_211025 | SD002 | 25 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0434** |
| QLD_0861_PFASOMP | 0861_QC167_220328 | SD002 | 28 Mar 2022 | Field_D | EB2209942 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0135** |
| QLD_0861_PFASOMP | 0861_QC267_220328 | SD002 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD002_220328 | SD002 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD002_221021 | SD002 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0148** |
| QLD_0861_PFASOMP_23 | 0861_SD002_230418 | SD002 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0005 | <0.0006 | <0.0002 | <0.0005 | **0.0139** |
| QLD_0861_PFASOMP_23 | 0861_SD002_231027 | SD002 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0041** |
| QLD_0861_PFASOMP_24 | 0861_SD002_240410 | SD002 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0098** |
| QLD_0861_PFASOMP_24a | 0861_QC102_241031 | SD002 | 31 Oct 2024 | Field_D | 1155836 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | **0.0067** | **0.037** |
| QLD_0861_PFASOMP_24a | 0861_SD002_241031 | SD002 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0401** |
| QLD_0861_PFAS | 0861_SD003_0.1_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0435** |
| QLD_0861_PFAS | 0861_SD003_0_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | **0.0005** | **0.0006** | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0199** |
| QLD_0861_PFAS | 0861_SD003_0.0_190429 | SD003 | 29 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0817** |
| QLD_0861_PFASOMP | 0861_SD003_200415 | SD003 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0150 | <0.0005 | <0.0012 | **0.0334** |
| QLD_0861_PFASOMP | 0861_SD003_201016 | SD003 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | **0.0005** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0364** |
| QLD_0861_PFASOMP | 0861_SD003_210330 | SD003 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.0115** |
| QLD_0861_PFASOMP | 0861_SD003_211022 | SD003 | 22 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0297** |
| QLD_0861_PFASOMP | 0861_SD003_220328 | SD003 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD003_221021 | SD003 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0314** |
| QLD_0861_PFASOMP_23 | 0861_SD003_230418 | SD003 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0295** |
| QLD_0861_PFASOMP_23 | 0861_SD003_231027 | SD003 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0006** |
| QLD_0861_PFASOMP_24 | 0861_SD003_240410 | SD003 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0013** |
| QLD_0861_PFASOMP_24a | 0861_SD003_241031 | SD003 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0149** |
| QLD_0861_PFAS | 0861_SD04_0.3_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0034** |
| QLD_0861_PFAS | 0861_SD04_0_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0048** |
| QLD_0861_PFAS | 0861_SD004_0.0_190502 | SD004 | 02 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0174** |
| QLD_0861_PFAS | 0861_SD004_0.0_191119 | SD004 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0032** |
| QLD_0861_PFASOMP | 0861_SD004_200414 | SD004 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0028** |
| QLD_0861_PFASOMP | 0861_SD004_201012 | SD004 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0058** |
| QLD_0861_PFASOMP | 0861_SD004_210414 | SD004 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0062** |
| QLD_0861_PFASOMP | 0861_SD004_211019 | SD004 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0051** |
| QLD_0861_PFASOMP | 0861_SD004_220329 | SD004 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0013** |
| QLD_0861_PFASOMP | 0861_SD004_221018 | SD004 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP_23 | 0861_SD004_230428 | SD004 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | **0.0005** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0084** |
| QLD_0861_PFASOMP_23 | 0861_SD004_231025 | SD004 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0057** |
| QLD_0861_PFASOMP_24 | 0861_SD004_240409 | SD004 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0289** |
| QLD_0861_PFASOMP_24a | 0861_SD004_241108 | SD004 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.006** |
| QLD_0861_PFAS | 0861_SD05_0.3_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | **0.0019** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.543** |
| QLD_0861_PFAS | 0861_SD05_0_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | **0.0064** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.485** |
| QLD_0861_PFAS | 0861_SD005_0.0_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0069** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.137** |
| QLD_0861_PFAS | 0861_SD005_0.3_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0492** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.168** |
| QLD_0861_PFAS | 0861_SD005_0.0_191118 | SD005 | 18 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0079** |
| QLD_0861_PFAS | 0861_SD005_0.3_191119 | SD005 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0069** |
| QLD_0861_PFASOMP | 0861_SD005_200414 | SD005 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0031** |
| QLD_0861_PFASOMP | 0861_SD005_201012 | SD005 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0398** |
| QLD_0861_PFASOMP | 0861_SD005_210412 | SD005 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0030 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.0215** |
| QLD_0861_PFASOMP | 0861_SD005_211019 | SD005 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0104** |
| QLD_0861_PFASOMP | 0861_SD005_220329 | SD005 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0025** |
| QLD_0861_PFASOMP | 0861_QC183_221018 | SD005 | 18 Oct 2022 | Field_D | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0026 | <0.0010 | <0.0026 | <0.0026 | <0.0010 | <0.0026 | **0.134** |
| QLD_0861_PFASOMP | 0861_QC283_221018 | SD005 | 18 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD005_221018 | SD005 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.118** |
| QLD_0861_PFASOMP_23 | 0861_SD005_230428 | SD005 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0010 | <0.0010 | **0.0238** | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | **0.353** |
| QLD_0861_PFASOMP_23 | 0861_SD005_231025 | SD005 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0030** |
| QLD_0861_PFASOMP_24 | 0861_SD005_240409 | SD005 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0031** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD005_241108 | SD005 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0136** |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.0-0.1 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.4-0.5 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.0_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0.4_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED02_170302 | SD008 | 02 Mar 2017 | Normal | EB1704230 | <0.0005 | **0.0008** | **0.0012** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.127** |
| QLD_0861_PFAS | 0861_SD08_0.3_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | **0.0005** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | **0.0007** | <0.0005 | **0.0234** |
| QLD_0861_PFAS | 0861_SD08_0_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0276** |
| QLD_Hist_202012-3 | 0861_SED02_171013 | SD008 | 13 Oct 2017 | Normal | EB1721221 | <0.0005 | <0.0005 | **0.0007** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0525** |
| QLD_0861_PFAS | 0861_SD008_0.0_190502 | SD008 | 02 May 2019 | Normal | EB1911384 | <0.0010 | <0.0010 | **0.0150** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0373** |
| QLD_0861_PFASOMP | 0861_QC107_200417 | SD008 | 17 Apr 2020 | Field_D | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0048** |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD008_200417 | SD008 | 17 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0308** |
| QLD_0861_PFASOMP | 0861_SD008_201012 | SD008 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0504** |
| QLD_0861_PFASOMP | 0861_SD008_210415 | SD008 | 15 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | **0.0008** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.156** |
| QLD_0861_PFASOMP | 0861_SD008_211026 | SD008 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | **0.0003** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.109** |
| QLD_0861_PFASOMP | 0861_SD008_220328 | SD008 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0004** |
| QLD_0861_PFASOMP | 0861_SD008_221026 | SD008 | 26 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0241** |
| QLD_0861_PFASOMP_23 | 0861_SD008_230428 | SD008 | 28 Apr 2023 | Normal | EB2312761-AA | **0.0013** | <0.0005 | **0.0029** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.262** |
| QLD_0861_PFASOMP_23 | 0861_SD008_231025 | SD008 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0009** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | **0.0359** |
| QLD_0861_PFASOMP_24 | 0861_SD008_240412 | SD008 | 12 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | **0.0009** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0300** |
| QLD_0861_PFASOMP_24a | 0861_SD008_241106 | SD008 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0215** |
| QLD_0861_PFAS | 0861_SD09_0.3_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD09_0_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD009_0.0_190502 | SD009 | 02 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0028** |
| QLD_0861_PFASOMP | 0861_SD009_200415 | SD009 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0006** |
| QLD_0861_PFASOMP | 0861_SD009_201012 | SD009 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0052** |
| QLD_0861_PFASOMP | 0861_SD009_210414 | SD009 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0033** |
| QLD_0861_PFASOMP | 0861_SD009_211022 | SD009 | 22 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0100** |
| QLD_0861_PFASOMP | 0861_SD009_220329 | SD009 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0602** |
| QLD_0861_PFASOMP_23 | 0861_SD009_230428 | SD009 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | **0.0007** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0725** |
| QLD_0861_PFASOMP_23 | 0861_SD009_231025 | SD009 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0021** |
| QLD_0861_PFASOMP_24 | 0861_SD009_240412 | SD009 | 12 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0064** |
| QLD_0861_PFASOMP_24a | 0861_SD009_241108 | SD009 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0015** |
| QLD_Hist_202012-3 | E0861_SD09_0.4_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD09_0_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_SD011_SD_0.3_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0197** |
| QLD_0861_PFAS | 0861_SD011_SD_0_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0178** |
| QLD_0861_PFAS | 0861_SD011_0.0_190501 | SD011 | 01 May 2019 | Normal | EB1911384 | **0.0010** | <0.0005 | **0.0012** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.394** |
| QLD_0861_PFASOMP | 0861_SD011_200414 | SD011 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0595** |
| QLD_0861_PFASOMP | 0861_SD011_201016 | SD011 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.151** |
| QLD_0861_PFASOMP | 0861_SD011_210330 | SD011 | 30 Mar 2021 | Normal | EB2108857 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.782** |
| QLD_0861_PFASOMP | 0861_SD011_211026 | SD011 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0806** |
| QLD_0861_PFASOMP | 0861_SD011_220328 | SD011 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0009** |
| QLD_0861_PFASOMP_23 | 0861_SD011_230417 | SD011 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0040** |
| QLD_0861_PFASOMP_23 | 0861_SD011_231024 | SD011 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0010 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.105** |
| QLD_0861_PFASOMP_24 | 0861_SD011_240409 | SD011 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0407** |
| QLD_0861_PFASOMP_24a | 0861_SD011_241031 | SD011 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.138** |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.0-0.1 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.4-0.5 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.0_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC1_SD_130117 | SD015 | 17 Jan 2013 | Field_D | EB1301006 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - | - | - | - | - |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_Hist_202012-3 | E0861_SD106_0.4_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD106_0_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED10_170302 | SD015 | 02 Mar 2017 | Normal | EB1704230 | <0.001 | <0.001 | <0.001 | <0.0025 | <0.001 | <0.0025 | <0.0025 | <0.001 | <0.0025 | **0.0114** |
| QLD_0861_PFAS | 0861_SD15_0.3_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0049** |
| QLD_0861_PFAS | 0861_SD15_0_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0023** |
| QLD_Hist_202012-3 | 0861_SED10_171016 | SD015 | 16 Oct 2017 | Normal | EB1721395 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0104** |
| QLD_0861_PFAS | 0861_SD015_0.0_190430 | SD015 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0177** |
| QLD_0861_PFAS | 0861_SD015_0.0_191119 | SD015 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | **0.0026** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0153** |
| QLD_0861_PFASOMP | 0861_SD015_200414 | SD015 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0013** |
| QLD_0861_PFASOMP | 0861_SD015_201012 | SD015 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0010** |
| QLD_0861_PFASOMP | 0861_SD015_210412 | SD015 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0060** |
| QLD_0861_PFASOMP | 0861_SD015_211019 | SD015 | 19 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD015_220329 | SD015 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0004 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0040** |
| QLD_0861_PFASOMP | 0861_SD015_221018 | SD015 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0044** |
| QLD_0861_PFASOMP_23 | 0861_SD015_230426 | SD015 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0062** |
| QLD_0861_PFASOMP_23 | 0861_SD015_231025 | SD015 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0073** |
| QLD_0861_PFASOMP_24 | 0861_SD015_240409 | SD015 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0062** |
| QLD_0861_PFASOMP_24a | 0861_SD015_241107 | SD015 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0015** |
| QLD_0861_PFAS | 0861_SD16_0.3_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | **0.0006** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.247** |
| QLD_0861_PFAS | 0861_SD16_0_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | **0.0014** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.588** |
| QLD_0861_PFAS | 0861_SD016_0.0_190430 | SD016 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0098** |
| QLD_0861_PFAS | 0861_SD016_0.0_191119 | SD016 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0031** |
| QLD_0861_PFASOMP | 0861_SD016_200414 | SD016 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0040** |
| QLD_0861_PFASOMP | 0861_SD016_201012 | SD016 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD016_210412 | SD016 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0046** |
| QLD_0861_PFASOMP | 0861_SD016_211019 | SD016 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0128** |
| QLD_0861_PFASOMP | 0861_SD016_220329 | SD016 | 29 Mar 2022 | Normal | EB2209950 | <0.0020 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0114** |
| QLD_0861_PFASOMP | 0861_SD016_221018 | SD016 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0061** |
| QLD_0861_PFASOMP_23 | 0861_SD016_230428 | SD016 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0045** |
| QLD_0861_PFASOMP_23 | 0861_SD016_231025 | SD016 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0035** |
| QLD_0861_PFASOMP_24 | 0861_SD016_240409 | SD016 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD016_241105 | SD016 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0066** |
| QLD_0861_PFAS | 0861_SD18_0.3_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0030** |
| QLD_0861_PFAS | 0861_SD18_0_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0059** |
| QLD_0861_PFAS | 0861_SD018_0.0_190430 | SD018 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0208** |
| QLD_0861_PFAS | 0861_SD018_191119 | SD018 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0035** |
| QLD_0861_PFASOMP | 0861_SD018_200414 | SD018 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0007** |
| QLD_0861_PFASOMP | 0861_SD018_201012 | SD018 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0027** |
| QLD_0861_PFASOMP | 0861_SD018_210412 | SD018 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.0104** |
| QLD_0861_PFASOMP | 0861_SD018_211019 | SD018 | 19 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0064** |
| QLD_0861_PFASOMP | 0861_SD018_220329 | SD018 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0280** |
| QLD_0861_PFASOMP | 0861_SD018_221018 | SD018 | 18 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | <0.0010 |
| QLD_0861_PFASOMP_23 | 0861_SD018_231025 | SD018 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0058** |
| QLD_0861_PFASOMP_24 | 0861_SD018_240409 | SD018 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0036** |
| QLD_0861_PFASOMP_24a | 0861_QC102_241106 | SD018 | 06 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | **0.011** |
| QLD_0861_PFASOMP_24a | 0861_QC202_241106 | SD018 | 06 Nov 2024 | Interlab_D | 366584 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 | <0.001 | <0.005 | <0.001 | <0.005 | **0.0086** |
| QLD_0861_PFASOMP_24a | 0861_SD018_241106 | SD018 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0033** |
| QLD_0861_PFASOMP_24a | 0861_QC202_241107 | SD018 | 07 Nov 2024 | Interlab_D | 367094 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.0007** |
| QLD_0861_PFAS | 0861_SD20_0.2_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0095** |
| QLD_0861_PFAS | 0861_SD20_0_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0053** |
| QLD_0861_PFAS | 0861_SD020_0.0_190430 | SD020 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0032** |
| QLD_0861_PFAS | 0861_SD020_191119 | SD020 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0021** |
| QLD_0861_PFASOMP | 0861_SD020_200415 | SD020 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0012** |
| QLD_0861_PFASOMP | 0861_QC120_201012 | SD020 | 12 Oct 2020 | Field_D | EB2027176-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0033** |
| QLD_0861_PFASOMP | 0861_QC220_201012 | SD020 | 12 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD020_201012 | SD020 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFASOMP | 0861_SD020_210412 | SD020 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0093** |
| QLD_0861_PFASOMP | 0861_SD020_211019 | SD020 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0042** |
| QLD_0861_PFASOMP | 0861_SD020_220329 | SD020 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0037** |
| QLD_0861_PFASOMP | 0861_QC284_221018 | SD020 | 18 Oct 2022 | Field_D | EB2231197 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0200** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD020_221018 | SD020 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0133** |
| QLD_0861_PFASOMP | 0861_QC184_221019 | SD020 | 19 Oct 2022 | Field_D | EB2231197 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0176** |
| QLD_0861_PFASOMP_23 | 0861_SD020_230428 | SD020 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.0006** |
| QLD_0861_PFASOMP_23 | 0861_SD020_231025 | SD020 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0064** |
| QLD_0861_PFASOMP_24 | 0861_QC101_240409 | SD020 | 09 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0002 | <0.0012 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0012 | **0.0034** |
| QLD_0861_PFASOMP_24 | 0861_QC201_240409 | SD020 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD020_240409 | SD020 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0043** |
| QLD_0861_PFASOMP_24a | 0861_SD020_241106 | SD020 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0079** |
| QLD_0861_PFAS | 0861_SD021_0.3_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | **0.0006** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.169** |
| QLD_0861_PFAS | 0861_SD021_0_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | **0.0025** | <0.0005 | **0.0514** | **0.0015** | **0.0009** | <0.0005 | <0.0005 | **0.0016** | <0.0005 | **0.717** |
| QLD_0861_PFAS | 0861_SD021_0.0_190503 | SD021 | 03 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0013** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.271** |
| QLD_0861_PFASOMP | 0861_SD021_200420 | SD021 | 20 Apr 2020 | Normal | EB2011246-AC | <0.001 | <0.001 | **0.0148** | <0.0025 | <0.001 | <0.0025 | <0.0025 | <0.001 | <0.0025 | **0.701** |
| QLD_0861_PFASOMP | 0861_SD021_201014 | SD021 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | **0.0042** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.316** |
| QLD_0861_PFASOMP | 0861_SD021_210330 | SD021 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0222** |
| QLD_0861_PFASOMP | 0861_QC158_211021 | SD021 | 21 Oct 2021 | Field_D | EB2130835 | <0.0005 | <0.0005 | **0.0012** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0413** |
| QLD_0861_PFASOMP | 0861_QC258_211021 | SD021 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD021_211021 | SD021 | 21 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | **0.0008** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0302** |
| QLD_0861_PFASOMP | 0861_SD021_220331 | SD021 | 31 Mar 2022 | Normal | EB2209950 | <0.0244 | <0.0244 | <0.0244 | <0.0611 | <0.0244 | <0.0611 | <0.0611 | <0.0244 | <0.0611 | **0.130** |
| QLD_0861_PFASOMP | 0861_SD021_221021 | SD021 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0034** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.124** |
| QLD_0861_PFASOMP_23 | 0861_SD021_230426 | SD021 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0511** |
| QLD_0861_PFASOMP_23 | 0861_SD021_231023 | SD021 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0015 | <0.0005 | **0.0136** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.387** |
| QLD_0861_PFASOMP_24 | 0861_SD021_240410 | SD021 | 10 Apr 2024 | Normal | EB2413910 | <0.0010 | <0.0010 | **0.0040** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.317** |
| QLD_0861_PFASOMP_24a | 0861_SD021_241101 | SD021 | 01 Nov 2024 | Normal | 1173066 | **0.0003** | <0.0001 | **0.0036** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.1138** |
| QLD_0861_PFAS | 0861_SD25_0_170601 | SD025 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD025_0.0_190507 | SD025 | 07 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_QC102_191120 | SD025 | 20 Nov 2019 | Field_D | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_QC202_191120 | SD025 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | <0.0001 |
| QLD_0861_PFAS | 0861_SD025_0.0_191120 | SD025 | 20 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC103_200415 | SD025 | 15 Apr 2020 | Field_D | EB2010666-AF | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1274649 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD025_200415 | SD025 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0050 | <0.0050 | <0.0020 | <0.0050 | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC125_201014 | SD025 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC225_201014 | SD025 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD025_201014 | SD025 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC150_210421 | SD025 | 21 Apr 2021 | Field_D | EB2111121 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC250_210421 | SD025 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD025_210421 | SD025 | 21 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD025_211022 | SD025 | 22 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC170_220328 | SD025 | 28 Mar 2022 | Field_D | EB2209942 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC270_220328 | SD025 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD025_220328 | SD025 | 28 Mar 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD025_221020 | SD025 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC109_230426 | SD025 | 26 Apr 2023 | Field_D | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0003** |
| QLD_0861_PFASOMP_23 | 0861_QC209_230426 | SD025 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD025_230426 | SD025 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0005** |
| QLD_0861_PFASOMP_23 | 0861_SD025_231026 | SD025 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC105_240412 | SD025 | 12 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_QC205_240412 | SD025 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD025_240412 | SD025 | 12 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_QC103_241112 | SD025 | 12 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC203_241112 | SD025 | 12 Nov 2024 | Interlab_D | 366901 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.0005** |
| QLD_0861_PFASOMP_24a | 0861_SD025_241112 | SD025 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0002** |
| QLD_0861_PFAS | 0861_SD26_0.3_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0359** |
| QLD_0861_PFAS | 0861_SD26_0_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0345** |
| QLD_0861_PFAS | 0861_SD026_190507 | SD026 | 07 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0092** |
| QLD_0861_PFAS | 0861_QC102_191127 | SD026 | 27 Nov 2019 | Field_D | EB1932183 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0332** |
| QLD_0861_PFAS | 0861_QC202_191127 | SD026 | 27 Nov 2019 | Interlab_D | 232094 | <0.0002 | <0.0002 | <0.002 | <0.002 | <0.0004 | <0.002 | <0.002 | <0.0004 | <0.01 | **0.01** |
| QLD_0861_PFAS | 0861_SD026_191127 | SD026 | 27 Nov 2019 | Normal | EB1932183 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0283** |
| QLD_0861_PFASOMP | 0861_SD026_200421 | SD026 | 21 Apr 2020 | Normal | EB2011255 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0029** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD026_201015 | SD026 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0093** |
| QLD_0861_PFASOMP | 0861_SD026_210416 | SD026 | 16 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0092** |
| QLD_0861_PFASOMP | 0861_SD026_211020 | SD026 | 20 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0062** |
| QLD_0861_PFASOMP | 0861_SD026_220401 | SD026 | 01 Apr 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0031** |
| QLD_0861_PFASOMP | 0861_SD026_221020 | SD026 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0061** |
| QLD_0861_PFASOMP_23 | 0861_SD026_230419 | SD026 | 19 Apr 2023 | Normal | EB2312057 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0055** |
| QLD_0861_PFASOMP_23 | 0861_SD026_231024 | SD026 | 24 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | **0.0016** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0240** |
| QLD_0861_PFASOMP_24 | 0861_QC103_240411 | SD026 | 11 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0002 | <0.0012 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0012 | **0.0077** |
| QLD_0861_PFASOMP_24 | 0861_QC203_240411 | SD026 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD026_240411 | SD026 | 11 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0002 | <0.0013 | <0.0002 | <0.0005 | <0.0013 | <0.0005 | <0.0005 | **0.0078** |
| QLD_0861_PFASOMP_24a | 0861_SD026_241108 | SD026 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0049** |
| QLD_0861_PFAS | 0861_SD027_0_170913 | SD027 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0165** |
| QLD_0861_PFAS | 0861_QC102_0.0_190502 | SD027 | 02 May 2019 | Field_D | EB1911384 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | **0.0914** |
| QLD_0861_PFAS | 0861_QC202_0.0_190502 | SD027 | 02 May 2019 | Interlab_D | 217104 | <0.0004 | <0.0004 | <0.01 | <0.01 | <0.002 | <0.01 | <0.01 | <0.002 | <0.05 | **0.068** |
| QLD_0861_PFAS | 0861_SD027_0.0_190502 | SD027 | 02 May 2019 | Normal | EB1911384 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0625** |
| QLD_0861_PFASOMP | 0861_SD027_200415 | SD027 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0005** |
| QLD_0861_PFASOMP | 0861_SD027_201016 | SD027 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0186** |
| QLD_0861_PFASOMP | 0861_SD027_210330 | SD027 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0673** |
| QLD_0861_PFASOMP | 0861_SD027_211026 | SD027 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0091** |
| QLD_0861_PFASOMP | 0861_SD027_220328 | SD027 | 28 Mar 2022 | Normal | EB2209950 | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | **0.191** |
| QLD_0861_PFASOMP | 0861_SD027_221021 | SD027 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.126** |
| QLD_0861_PFASOMP_23 | 0861_SD027_230417 | SD027 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0005** | <0.0005 | <0.0005 | <0.0002 | <0.0006 | **0.0051** |
| QLD_0861_PFASOMP_23 | 0861_SD027_231024 | SD027 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0002 | <0.0012 | <0.0005 | <0.0002 | <0.0005 | **0.0273** |
| QLD_0861_PFASOMP_24 | 0861_SD027_240409 | SD027 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0471** |
| QLD_0861_PFASOMP_24a | 0861_SD027_241028 | SD027 | 28 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0157** |
| QLD_0861_PFAS | 0861_SD28_0.3_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0298** |
| QLD_0861_PFAS | 0861_SD28_0_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0117** |
| QLD_0861_PFAS | 0861_SD028_0.0_190502 | SD028 | 02 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0021** |
| QLD_0861_PFASOMP | 0861_QC101_200414 | SD028 | 14 Apr 2020 | Field_D | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0071** |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD028_200414 | SD028 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0062** |
| QLD_0861_PFASOMP | 0861_SD028_201012 | SD028 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0085** |
| QLD_0861_PFASOMP | 0861_SD028_210412 | SD028 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.122** |
| QLD_0861_PFASOMP | 0861_QC154_211019 | SD028 | 19 Oct 2021 | Field_D | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0060** |
| QLD_0861_PFASOMP | 0861_QC254_211019 | SD028 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD028_211019 | SD028 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0101** |
| QLD_0861_PFASOMP | 0861_SD028_220329 | SD028 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0287** |
| QLD_0861_PFASOMP | 0861_SD028_221018 | SD028 | 21 Oct 2022 | Normal | EB2231197 | <0.0010 | <0.0010 | **0.0022** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.468** |
| QLD_0861_PFASOMP_23 | 0861_SD028_230509 | SD028 | 09 May 2023 | Normal | EB2314270 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0130** |
| QLD_0861_Stage2_23 | 0861_SD028_230810 | SD028 | 10 Aug 2023 | Normal | 1018693 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | **0.0054** | <0.005 | <0.01 | <0.005 | **0.022** |
| QLD_0861_PFASOMP_23 | 0861_SD028_231025 | SD028 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0211** |
| QLD_0861_PFASOMP_24 | 0861_QC100_240409 | SD028 | 09 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0150** |
| QLD_0861_PFASOMP_24 | 0861_QC200_240409 | SD028 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD028_240409 | SD028 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0158** |
| QLD_0861_PFASOMP_24a | 0861_QC105_241107 | SD028 | 07 Nov 2024 | Field_D | 1158342 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | **0.011** |
| QLD_0861_PFASOMP_24a | 0861_SD028_241107 | SD028 | 07 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0119** |
| QLD_0861_PFAS | 0861_SD030_0.3_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.112** |
| QLD_0861_PFAS | 0861_SD030_0_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0470** |
| QLD_0861_PFAS | 0861_QC102_0.0_190429 | SD030 | 29 Apr 2019 | Field_D | EB1911384 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.159** |
| QLD_0861_PFAS | 0861_QC202_0.0_190429 | SD030 | 29 Apr 2019 | Interlab_D | 217104 | **0.0011** | **0.0012** | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.39** |
| QLD_0861_PFAS | 0861_SD030_0.0_190429 | SD030 | 29 Apr 2019 | Normal | EB1911384 | **0.0016** | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.204** |
| QLD_0861_PFAS | 0861_SD030_0.3_190513 | SD030 | 13 May 2019 | Normal | EB1912390 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0479** |
| QLD_0861_PFASOMP | 0861_SD030_200415 | SD030 | 15 Apr 2020 | Normal | EB2010666-AE | **0.0033** | **0.0014** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0408** |
| QLD_0861_PFASOMP | 0861_SD030_201016 | SD030 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0010 | **0.0013** | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0475** |
| QLD_0861_PFASOMP | 0861_QC138_210330 | SD030 | 30 Mar 2021 | Field_D | EB2108857 | **0.0012** | **0.0010** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.143** |
| QLD_0861_PFASOMP | 0861_QC238_210330 | SD030 | 30 Mar 2021 | Interlab_D | RN1310437 | **0.0024** | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD030_210330 | SD030 | 30 Mar 2021 | Normal | EB2108857 | <0.0026 | <0.0026 | <0.0026 | <0.0064 | <0.0026 | <0.0064 | <0.0064 | <0.0026 | <0.0064 | **0.114** |
| QLD_0861_PFASOMP | 0861_QC164_211026 | SD030 | 26 Oct 2021 | Field_D | EB2130850 | **0.0008** | **0.0012** | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.200** |
| QLD_0861_PFASOMP | 0861_QC264_211026 | SD030 | 26 Oct 2021 | Interlab_D | RN1333717 | **0.0017** | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD030_211026 | SD030 | 26 Oct 2021 | Normal | EB2130850 | **0.0008** | **0.0009** | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.143** |
| QLD_0861_PFASOMP | 0861_SD030_220328 | SD030 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD030_221021 | SD030 | 21 Oct 2022 | Normal | EB2231197 | **0.0014** | **0.0005** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0005 | <0.0002 | <0.0012 | **0.330** |
| QLD_0861_PFASOMP_23 | 0861_SD030_230417 | SD030 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0101** |
| QLD_0861_PFASOMP_23 | 0861_SD030_231024 | SD030 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0411** |
| QLD_0861_PFASOMP_24 | 0861_SD030_240409 | SD030 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.189** |
| QLD_0861_PFASOMP_24a | 0861_SD030_241028 | SD030 | 28 Oct 2024 | Normal | 1173066 | **0.0002** | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0206** |
| QLD_0861_PFAS | 0861_SD033_0.3_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | **0.0010** | <0.0005 | **0.0010** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.246** |
| QLD_0861_PFAS | 0861_SD033_0_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | **0.0023** | **0.0038** | **0.0040** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0451** |
| QLD_0861_PFAS | 0861_SD033_0.0_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | **0.0472** | **0.0215** | **0.0670** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.418** |
| QLD_0861_PFAS | 0861_SD033_0.3_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | **0.0282** | **0.0091** | **0.0330** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.280** |
| QLD_0861_PFASOMP | 0861_SD033_200427 | SD033 | 27 Apr 2020 | Normal | EB2011562 | **0.0127** | **0.0273** | **0.0314** | <0.0012 | **0.0006** | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.224** |
| QLD_0861_PFASOMP | 0861_SD033_201016 | SD033 | 16 Oct 2020 | Normal | EB2027176-AA | **0.0016** | **0.0011** | **0.0034** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0741** |
| QLD_0861_PFASOMP | 0861_SD033_210415 | SD033 | 15 Apr 2021 | Normal | EB2111116 | <0.0010 | <0.0010 | **0.0179** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **1.00** |
| QLD_0861_PFASOMP | 0861_SD033_211026 | SD033 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | **0.0034** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.323** |
| QLD_0861_PFASOMP | 0861_SD033_220405 | SD033 | 05 Apr 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | **0.0038** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.193** |
| QLD_0861_PFASOMP | 0861_QC194_221025 | SD033 | 25 Oct 2022 | Field_D | EB2231825 | <0.0005 | <0.0005 | **0.0008** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.139** |
| QLD_0861_PFASOMP | 0861_QC294_221025 | SD033 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD033_221025 | SD033 | 25 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | **0.0016** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.221** |
| QLD_0861_PFASOMP_23 | 0861_SD033_230427 | SD033 | 27 Apr 2023 | Normal | EB2312761-AA | <0.0010 | <0.0010 | **0.0182** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.573** |
| QLD_0861_PFASOMP_23 | 0861_SD033_231030 | SD033 | 30 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.322** |
| QLD_0861_PFASOMP_24 | 0861_SD033_240409 | SD033 | 09 Apr 2024 | Normal | EB2413910 | **0.0138** | **0.0843** | **0.0289** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.332** |
| QLD_0861_PFAS | 0861_SD34_0_170601 | SD034 | 01 Jun 2017 | Normal | EB1711387 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0815** |
| QLD_0861_PFAS | 0861_SD034_0.0_190430 | SD034 | 30 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0055** |
| QLD_0861_PFAS | 0861_SD034_191119 | SD034 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0075** |
| QLD_0861_PFASOMP | 0861_SD034_200414 | SD034 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0018** |
| QLD_0861_PFASOMP | 0861_SD034_201012 | SD034 | 12 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0109** |
| QLD_0861_PFASOMP | 0861_SD034_210412 | SD034 | 12 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0323** |
| QLD_0861_PFASOMP | 0861_SD034_211019 | SD034 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0054** |
| QLD_0861_PFASOMP | 0861_SD034_220329 | SD034 | 29 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0042** |
| QLD_0861_PFASOMP | 0861_SD034_221018 | SD034 | 18 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0621** |
| QLD_0861_PFASOMP_23 | 0861_SD034_230428 | SD034 | 28 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0753** |
| QLD_0861_PFASOMP_23 | 0861_SD034_231025 | SD034 | 25 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0035** |
| QLD_0861_PFASOMP_24 | 0861_SD034_240409 | SD034 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD034_241106 | SD034 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0144** |
| QLD_0861_PFAS | 0861_SED36_0.3_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0010** |
| QLD_0861_PFAS | 0861_SED36_0_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0005** |
| QLD_0861_PFAS | 0861_SD036_0_180119 | SD036 | 18 Jan 2018 | Normal | EB1802500 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFAS | 0861_SD036_0.0_190501 | SD036 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0041** |
| QLD_0861_PFASOMP | 0861_SD036_200415 | SD036 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0048** |
| QLD_0861_PFASOMP | 0861_SD036_201014 | SD036 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0024** |
| QLD_0861_PFASOMP | 0861_QC143_210414 | SD036 | 14 Apr 2021 | Field_D | EB2111121 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0070** |
| QLD_0861_PFASOMP | 0861_QC243_210414 | SD036 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD036_210414 | SD036 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0046** |
| QLD_0861_PFASOMP | 0861_QC156_211020 | SD036 | 20 Oct 2021 | Field_D | EB2130835 | <0.0005 | <0.0045 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0043** |
| QLD_0861_PFASOMP | 0861_QC256_211020 | SD036 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD036_211020 | SD036 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0015 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD036_220401 | SD036 | 01 Apr 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD036_221019 | SD036 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0100** |
| QLD_0861_PFASOMP_23 | 0861_SD036_230522 | SD036 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD036_231024 | SD036 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0010 | <0.0025 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD036_240411 | SD036 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD036_241108 | SD036 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0019** |
| QLD_0861_PFAS | 0861_SD037_0_170913 | SD037 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0663** |
| QLD_0861_PFAS | 0861_QC102_0.0_190501 | SD037 | 01 May 2019 | Field_D | EB1911384 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0353** |
| QLD_0861_PFAS | 0861_QC202_0.0_190501 | SD037 | 01 May 2019 | Interlab_D | 217104 | <0.0001 | **0.0001** | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.069** |
| QLD_0861_PFAS | 0861_SD037_0.0_190501 | SD037 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.376** |
| QLD_0861_PFAS | 0861_SD037_0.0_191119 | SD037 | 19 Nov 2019 | Normal | EB1931427 | **0.0232** | **0.0045** | **0.0030** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.460** |
| QLD_0861_PFASOMP | 0861_SD037_200415 | SD037 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0383** |
| QLD_0861_PFASOMP | 0861_SD037_201014 | SD037 | 14 Oct 2020 | Normal | EB2027172 | <0.0025 | <0.0025 | <0.0025 | <0.0063 | <0.0025 | <0.0063 | <0.0063 | <0.0025 | <0.0063 | **1.32** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC140_210330 | SD037 | 30 Mar 2021 | Field_D | EB2108857 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0822** |
| QLD_0861_PFASOMP | 0861_QC240_210330 | SD037 | 30 Mar 2021 | Interlab_D | RN1310437 | **0.0021** | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD037_210330 | SD037 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | **0.0006** | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0956** |
| QLD_0861_PFASOMP | 0861_SD037_211026 | SD037 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0380** |
| QLD_0861_PFASOMP | 0861_SD037_220330 | SD037 | 30 Mar 2022 | Normal | EB2209950 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.149** |
| QLD_0861_PFASOMP | 0861_SD037_221021 | SD037 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0004** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.205** |
| QLD_0861_PFASOMP_23 | 0861_SD037_230418 | SD037 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0004** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.180** |
| QLD_0861_PFASOMP_23 | 0861_SD037_231027 | SD037 | 27 Oct 2023 | Normal | EB2333894-AA | **0.0009** | <0.0005 | **0.0017** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0009 | **1.24** |
| QLD_0861_PFASOMP_24 | 0861_SD037_240410 | SD037 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.339** |
| QLD_0861_PFASOMP_24a | 0861_SD037_241031 | SD037 | 31 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | **0.0008** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.908** |
| QLD_0861_PFASOMP | 0861_SD038_200414 | SD038 | 14 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0207** |
| QLD_0861_PFASOMP | 0861_SD038_201016 | SD038 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0006** |
| QLD_0861_PFASOMP | 0861_SD038_210330 | SD038 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0010** |
| QLD_0861_PFASOMP | 0861_SD038_211025 | SD038 | 25 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_220330 | SD038 | 30 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD038_221024 | SD038 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0229** |
| QLD_0861_PFASOMP_23 | 0861_SD038_230420 | SD038 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0008** |
| QLD_0861_PFASOMP_23 | 0861_SD038_231129 | SD038 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0019** |
| QLD_0861_PFASOMP_24 | 0861_SD038_240418 | SD038 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD038_241106 | SD038 | 06 Nov 2024 | Normal | 1173066 | **0.0002** | **0.0004** | **0.0008** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0329** |
| QLD_0861_PFAS | 0861_SED39_0.3_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0008** |
| QLD_0861_PFAS | 0861_SED39_0_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD039_0.0_191120 | SD039 | 20 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_200415 | SD039 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC126_201014 | SD039 | 14 Oct 2020 | Field_D | EB2027176-AB | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC226_201014 | SD039 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD039_201014 | SD039 | 14 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_210330 | SD039 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0020** |
| QLD_0861_PFASOMP | 0861_QC160_211022 | SD039 | 22 Oct 2021 | Field_D | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0014** |
| QLD_0861_PFASOMP | 0861_QC260_211022 | SD039 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD039_211022 | SD039 | 22 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_220328 | SD039 | 28 Mar 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD039_221020 | SD039 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD039_230426 | SD039 | 26 Apr 2023 | Normal | EB2312761-AB | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD039_231026 | SD039 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD039_240412 | SD039 | 12 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0002 | <0.0013 | <0.0013 | <0.0002 | <0.0013 | **0.0006** |
| QLD_0861_PFASOMP_24a | 0861_SD039_241112 | SD039 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 |
| QLD_0861_PFAS | 0861_SD40_0_170602 | SD040 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD040_0.0_190506 | SD040 | 06 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0027** |
| QLD_0861_PFAS | 0861_SD040_0.0_191120 | SD040 | 20 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0009** |
| QLD_0861_PFASOMP | 0861_SD040_200415 | SD040 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0047** |
| QLD_0861_PFASOMP | 0861_SD040_201015 | SD040 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFASOMP | 0861_SD040_210415 | SD040 | 15 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0009** |
| QLD_0861_PFASOMP | 0861_SD040_211019 | SD040 | 19 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0039** |
| QLD_0861_PFASOMP | 0861_SD040_220328 | SD040 | 28 Mar 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0018** |
| QLD_0861_PFASOMP | 0861_SD040_221020 | SD040 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD040_230418 | SD040 | 18 Apr 2023 | Normal | EB2312057 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0035** |
| QLD_0861_PFASOMP_23 | 0861_SD040_231026 | SD040 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0134** |
| QLD_0861_PFASOMP_24 | 0861_SD040_240412 | SD040 | 12 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0021** |
| QLD_0861_PFAS | 0861_SD041_0_171020 | SD041 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0980** |
| QLD_0861_PFAS | 0861_QC101_190508 | SD041 | 08 May 2019 | Field_D | EB1911952 | **0.0055** | **0.0015** | **0.0080** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.834** |
| QLD_0861_PFAS | 0861_QC201_190508 | SD041 | 08 May 2019 | Interlab_D | 217521 | **0.0051** | <0.002 | <0.02 | <0.02 | <0.004 | <0.02 | <0.02 | <0.004 | <0.1 | **0.98** |
| QLD_0861_PFAS | 0861_SD041_0.0_190508 | SD041 | 08 May 2019 | Normal | EB1911952 | **0.0026** | **0.0010** | **0.0050** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.461** |
| QLD_0861_PFAS | 0861_SD041_191119 | SD041 | 19 Nov 2019 | Normal | EB1931427 | **0.0026** | **0.0007** | **0.0026** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.469** |
| QLD_0861_PFASOMP | 0861_SD041_200415 | SD041 | 15 Apr 2020 | Normal | EB2010666-AE | **0.0246** | <0.0025 | **0.0079** | <0.0063 | <0.0025 | <0.0063 | <0.0063 | <0.0025 | <0.0063 | **1.44** |
| QLD_0861_PFASOMP | 0861_SD041_201015 | SD041 | 15 Oct 2020 | Normal | EB2027172 | <0.0050 | <0.0050 | **0.0121** | <0.0126 | <0.0050 | <0.0126 | <0.0126 | <0.0050 | <0.0126 | **1.46** |
| QLD_0861_PFASOMP | 0861_SD041_210330 | SD041 | 30 Mar 2021 | Normal | EB2108857 | **0.0040** | **0.0021** | **0.0040** | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | **0.713** |
| QLD_0861_PFASOMP | 0861_SD041_211026 | SD041 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | **0.0007** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.193** |
| QLD_0861_PFASOMP | 0861_SD041_220328 | SD041 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0010** |
| QLD_0861_PFASOMP | 0861_QC188_221020 | SD041 | 20 Oct 2022 | Field_D | EB2231197 | <0.0005 | <0.0005 | **0.0017** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.261** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_QC288_221020 | SD041 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD041_221020 | SD041 | 20 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0013** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.366** |
| QLD_0861_PFASOMP_23 | 0861_SD041_230418 | SD041 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0049 | <0.0049 | **0.0054** | <0.0122 | <0.0049 | <0.0122 | <0.0122 | <0.0049 | <0.0122 | **1.80** |
| QLD_0861_PFASOMP_23 | 0861_SD041_231024 | SD041 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0030 | <0.0010 | **0.0044** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0006 | <0.0005 | **1.80** |
| QLD_0861_PFASOMP_24 | 0861_SD041_240412 | SD041 | 12 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0012 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.217** |
| QLD_0861_PFASOMP_24a | 0861_SD041_241105 | SD041 | 05 Nov 2024 | Normal | 1173066 | **0.0004** | **0.0007** | **0.0025** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **1.14** |
| QLD_0861_PFAS | 0861_SD43_0.3_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFAS | 0861_SD43_0_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD043_0.0_191120 | SD043 | 19 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0003** |
| QLD_0861_PFASOMP | 0861_SD043_200428 | SD043 | 28 Apr 2020 | Normal | EB2011568 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_201015 | SD043 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD043_210415 | SD043 | 15 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_211022 | SD043 | 22 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_220404 | SD043 | 04 Apr 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD043_221020 | SD043 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD043_230419 | SD043 | 19 Apr 2023 | Normal | EB2312057 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD043_231026 | SD043 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD043_240411 | SD043 | 11 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0012 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD043_241112 | SD043 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0005** |
| QLD_0861_PFAS | 0861_SD45_0_170602 | SD045 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0028** |
| QLD_0861_PFAS | 0861_SD045_0.0_190506 | SD045 | 06 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0037** |
| QLD_0861_PFAS | 0861_QC104_191120 | SD045 | 20 Nov 2019 | Field_D | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0016** |
| QLD_0861_PFAS | 0861_QC204_1_191120 | SD045 | 20 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.0049** |
| QLD_0861_PFAS | 0861_SD045_0.0_191120 | SD045 | 20 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP | 0861_SD045_200415 | SD045 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD045_201015 | SD045 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0027** |
| QLD_0861_PFASOMP | 0861_SD045_210415 | SD045 | 15 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0034** |
| QLD_0861_PFASOMP | 0861_SD045_211019 | SD045 | 19 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0028** |
| QLD_0861_PFASOMP | 0861_SD045_220329 | SD045 | 29 Mar 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0026** |
| QLD_0861_PFASOMP | 0861_SD045_221020 | SD045 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD045_230418 | SD045 | 18 Apr 2023 | Normal | EB2312057 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0084** |
| QLD_0861_PFASOMP_23 | 0861_SD045_231026 | SD045 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0094** |
| QLD_0861_PFASOMP_24 | 0861_QC104_240412 | SD045 | 12 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0002 | <0.0012 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0012 | **0.0041** |
| QLD_0861_PFASOMP_24 | 0861_QC204_240412 | SD045 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD045_240412 | SD045 | 12 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0002 | <0.0012 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0012 | **0.0045** |
| QLD_0861_PFASOMP_24a | 0861_SD045_241112 | SD045 | 12 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0041** |
| QLD_0861_PFAS | 0861_SD47_0.3_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0060** |
| QLD_0861_PFAS | 0861_SD47_0_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0054** |
| QLD_0861_PFAS | 0861_SD047_0.0_190501 | SD047 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0424** |
| QLD_0861_PFAS | 0861_SD047_191121 | SD047 | 21 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD047_200422 | SD047 | 22 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0116** |
| QLD_0861_PFASOMP | 0861_SD047_201013 | SD047 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.0079** |
| QLD_0861_PFASOMP | 0861_SD047_210414 | SD047 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0034** |
| QLD_0861_PFASOMP | 0861_SD047_211020 | SD047 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD047_220331 | SD047 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0075** |
| QLD_0861_PFASOMP | 0861_SD047_221019 | SD047 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFASOMP_23 | 0861_SD047_230522 | SD047 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC106_231023 | SD047 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0014** |
| QLD_0861_PFASOMP_23 | 0861_QC206_231023 | SD047 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD047_231023 | SD047 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0018** |
| QLD_0861_PFASOMP_24 | 0861_SD047_240411 | SD047 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD047_241118 | SD047 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0001** |
| QLD_0861_PFAS | 0861_SD049_0.1_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0749** |
| QLD_0861_PFAS | 0861_SD049_0.4_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0297** |
| QLD_0861_PFAS | 0861_SD049_0.0_190510 | SD049 | 10 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0981** |
| QLD_0861_PFASOMP | 0861_QC109_200420 | SD049 | 20 Apr 2020 | Field_D | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0258** |
| QLD_0861_PFASOMP | 0861_QC209_200420 | SD049 | 20 Apr 2020 | Interlab_D | RN1274652 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0397** |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2012139 | <0.0005 | <0.0005 | <0.0005 | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0035 | **0.0353** |
| QLD_0861_PFASOMP | 0861_SD049_201013 | SD049 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | **0.0018** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.104** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD049_210413 | SD049 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0412** |
| QLD_0861_PFASOMP | 0861_SD049_211020 | SD049 | 20 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | **0.130** |
| QLD_0861_PFASOMP | 0861_QC173_220331 | SD049 | 31 Mar 2022 | Field_D | EB2209942 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0003** |
| QLD_0861_PFASOMP | 0861_QC273_220331 | SD049 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD049_220331 | SD049 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFASOMP | 0861_QC186_221019 | SD049 | 19 Oct 2022 | Field_D | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0138** |
| QLD_0861_PFASOMP | 0861_QC286_221019 | SD049 | 19 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD049_221019 | SD049 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0108** |
| QLD_0861_PFASOMP_23 | 0861_SD049_230426 | SD049 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0639** |
| QLD_0861_PFASOMP_24 | 0861_QC102_240410 | SD049 | 10 Apr 2024 | Field_D | EB2413950 | <0.0005 | <0.0005 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0002 | <0.0025 | **0.0975** |
| QLD_0861_PFASOMP_24 | 0861_QC202_240410 | SD049 | 10 Apr 2024 | Interlab_D | RN1427801 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_24 | 0861_SD049_240410 | SD049 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0874** |
| QLD_0861_PFASOMP_24a | 0861_SD049_241101 | SD049 | 01 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0223** |
| QLD_0861_PFAS | 0861_SED50_0.3_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0017** |
| QLD_0861_PFAS | 0861_SED50_0_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0003** |
| QLD_0861_PFAS | 0861_SD050_0.0_190501 | SD050 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0052** |
| QLD_0861_PFAS | 0861_SD050_0.0_191118 | SD050 | 18 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD050_200415 | SD050 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0325** |
| QLD_0861_PFASOMP | 0861_SD050_201014 | SD050 | 14 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | **0.0034** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0336** |
| QLD_0861_PFASOMP | 0861_SD050_210414 | SD050 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0094** |
| QLD_0861_PFASOMP | 0861_SD050_211019 | SD050 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0034** |
| QLD_0861_PFASOMP | 0861_SD050_220401 | SD050 | 01 Apr 2022 | Normal | EB2209950 | <0.0005 | <0.0018 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0017** |
| QLD_0861_PFASOMP_23 | 0861_SD050_230511 | SD050 | 11 May 2023 | Normal | EB2314270 | <0.0005 | <0.0005 | **0.0016** | <0.0012 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0197** |
| QLD_0861_PFASOMP_23 | 0861_SD050_231024 | SD050 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0094** |
| QLD_0861_PFASOMP_24 | 0861_SD050_240411 | SD050 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD050_241104 | SD050 | 04 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0178** |
| QLD_0861_PFAS | 0861_SD51_0_170602 | SD051 | 02 Jun 2017 | Normal | EB1711373 | <0.0005 | <0.0005 | **0.0051** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0048** |
| QLD_0861_PFAS | 0861_SD051_0.0_190501 | SD051 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0010** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0311** |
| QLD_0861_PFAS | 0861_SD051_0.0_191118 | SD051 | 18 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | **0.0007** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0113** |
| QLD_0861_PFASOMP | 0861_SD051_200415 | SD051 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0019** |
| QLD_0861_PFASOMP | 0861_SD051_201014 | SD051 | 14 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0063** |
| QLD_0861_PFASOMP | 0861_SD051_210413 | SD051 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | **0.0014** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0397** |
| QLD_0861_PFASOMP | 0861_SD051_211019 | SD051 | 19 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0087** |
| QLD_0861_PFASOMP | 0861_SD051_220401 | SD051 | 01 Apr 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0004** |
| QLD_0861_PFASOMP | 0861_SD051_221020 | SD051 | 20 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0125** |
| QLD_0861_PFASOMP_23 | 0861_SD051_230419 | SD051 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0009** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0047** |
| QLD_0861_PFASOMP_23 | 0861_SD051_231024 | SD051 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0015** |
| QLD_0861_PFASOMP_24 | 0861_SD051_240411 | SD051 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD051_241104 | SD051 | 04 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0052** |
| QLD_0861_PFAS | 0861_QC01_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0006** |
| QLD_0861_PFAS | 0861_QC02_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | - |
| QLD_0861_PFAS | 0861_QC03_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFAS | 0861_QC04_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | - |
| QLD_0861_PFAS | 0861_SED52_0.3_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0007** |
| QLD_0861_PFAS | 0861_SED52_0_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD052_0.0_190510 | SD052 | 10 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD052_191121 | SD052 | 21 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD052_200420 | SD052 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0011** |
| QLD_0861_PFASOMP | 0861_SD052_201013 | SD052 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD052_210413 | SD052 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD052_211020 | SD052 | 20 Oct 2021 | Normal | EB2130835 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD052_220331 | SD052 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0004** | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0005** |
| QLD_0861_PFASOMP | 0861_SD052_221019 | SD052 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD052_230426 | SD052 | 26 Apr 2023 | Normal | EB2312761-AA | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0015** |
| QLD_0861_PFASOMP_23 | 0681_QC104_231023 | SD052 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC204_231023 | SD052 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD052_231023 | SD052 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | <0.0010 |
| QLD_0861_PFASOMP_24 | 0861_SD052_240410 | SD052 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_QC101_241118 | SD052 | 18 Nov 2024 | Field_D | 1161658 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC201_241118 | SD052 | 18 Nov 2024 | Interlab_D | 366901 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | <0.0001 |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD052_241118 | SD052 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0004** |
| QLD_0861_PFAS | 0861_SD053_0.55_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0063** |
| QLD_0861_PFAS | 0861_SD053_0_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0403** |
| QLD_0861_PFAS | SD053_191203 | SD053 | 03 Dec 2019 | Normal | EB1932627 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0020** |
| QLD_0861_PFASOMP | 0861_SD053_200421 | SD053 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP | 0861_SD053_201021 | SD053 | 21 Oct 2020 | Normal | EB2027539 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP | 0861_SD053_210419 | SD053 | 19 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0089** |
| QLD_0861_PFASOMP | 0861_SD053_211025 | SD053 | 25 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0357** |
| QLD_0861_PFASOMP | 0861_SD053_220406 | SD053 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP | 0861_SD053_221024 | SD053 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0104** |
| QLD_0861_PFASOMP_23 | 0861_SD053_230420 | SD053 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0242** |
| QLD_0861_PFASOMP_23 | 0861_SD053_231129 | SD053 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0153** |
| QLD_0861_PFASOMP_24 | 0861_SD053_240418 | SD053 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0033** |
| QLD_0861_PFASOMP_24a | 0861_SD053_241105 | SD053 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0477** |
| QLD_0861_PFAS | 0861_QC102_170913 | SD056 | 13 Sep 2017 | Field_D | EB1719017 | <0.0005 | <0.0005 | **0.0137** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.369** |
| QLD_0861_PFAS | 0861_QC202_170915 | SD056 | 13 Sep 2017 | Interlab_D | 175963 | <0.0001 | <0.0001 | **0.003** | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | - |
| QLD_0861_PFAS | 0861_SD056_0.4_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | **0.0014** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **1.14** |
| QLD_0861_PFAS | 0861_SD056_0_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | **0.0021** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.379** |
| QLD_0861_PFAS | 0861_SD056_0.0_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0029** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.388** |
| QLD_0861_PFAS | 0861_SD056_0.3_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | **0.0022** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0003 | <0.0005 | **0.336** |
| QLD_0861_PFAS | 0861_QC102_191118 | SD056 | 18 Nov 2019 | Field_D | EB1931427 | <0.0005 | <0.0005 | **0.0010** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0321** |
| QLD_0861_PFAS | 0861_QC201_191118 | SD056 | 18 Nov 2019 | Interlab_D | 231783 | <0.0001 | <0.0001 | **0.003** | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.092** |
| QLD_0861_PFAS | 0861_SD056_0.0_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | **0.0006** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0370** |
| QLD_0861_PFAS | 0861_SD056_0.3_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | **0.0009** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0355** |
| QLD_0861_PFASOMP | 0861_QC105_200415 | SD056 | 15 Apr 2020 | Field_D | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.113** |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | <0.002 | **0.0018** | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.001 | <0.002 | **0.0018** | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD056_200415 | SD056 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0060 | <0.0010 | <0.0025 | **0.0807** |
| QLD_0861_PFASOMP | 0861_SD056_201019 | SD056 | 19 Oct 2020 | Normal | EB2027539 | <0.0005 | <0.0005 | **0.0115** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.143** |
| QLD_0861_PFASOMP | 0861_SD056_210330 | SD056 | 30 Mar 2021 | Normal | EB2108857 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.641** |
| QLD_0861_PFASOMP | 0861_SD056_211026 | SD056 | 26 Oct 2021 | Normal | EB2130850 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.637** |
| QLD_0861_PFASOMP | 0861_SD056_220328 | SD056 | 28 Mar 2022 | Normal | EB2209950 | **0.0006** | <0.0005 | **0.0019** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **1.93** |
| QLD_0861_PFASOMP | 0861_QC190_221021 | SD056 | 21 Oct 2022 | Field_D | EB2231197 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.798** |
| QLD_0861_PFASOMP | 0861_QC290_221021 | SD056 | 21 Oct 2022 | Interlab_D | RN1370747 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD056_221021 | SD056 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.748** |
| QLD_0861_PFASOMP_23 | 0861_SD056_230418 | SD056 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0069** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.187** |
| QLD_0861_PFASOMP_23 | 0861_SD056_231024 | SD056 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0009** | <0.0013 | <0.0005 | <0.0013 | <0.0013 | <0.0005 | <0.0013 | **0.421** |
| QLD_0861_PFASOMP_24 | 0861_SD056_240409 | SD056 | 09 Apr 2024 | Normal | EB2413910 | <0.0010 | <0.0010 | <0.0020 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.434** |
| QLD_0861_PFASOMP_24a | 0861_SD056_241028 | SD056 | 28 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | **0.0039** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.22** |
| QLD_0861_PFAS | 0861_SD059_0.3_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0019** |
| QLD_0861_PFAS | 0861_SD059_0_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0090** |
| QLD_0861_PFAS | 0861_SD059_0.0_190429 | SD059 | 29 Apr 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0816** |
| QLD_0861_PFASOMP | 0861_SD059_200415 | SD059 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0422** |
| QLD_0861_PFASOMP | 0861_SD059_201016 | SD059 | 16 Oct 2020 | Normal | EB2027176-AA | **0.0008** | <0.0005 | **0.0005** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.156** |
| QLD_0861_PFASOMP | 0861_SD059_210330 | SD059 | 30 Mar 2021 | Normal | EB2108857 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.264** |
| QLD_0861_PFASOMP | 0861_SD059_211026 | SD059 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | **0.0009** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.120** |
| QLD_0861_PFASOMP | 0861_SD059_220328 | SD059 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD059_221021 | SD059 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | **0.0014** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **1.10** |
| QLD_0861_PFASOMP_23 | 0861_QC107_230417 | SD059 | 17 Apr 2023 | Field_D | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0411** |
| QLD_0861_PFASOMP_23 | 0861_QC207_230417 | SD059 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD059_230417 | SD059 | 17 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | **0.0106** |
| QLD_0861_PFASOMP_23 | 0861_SD059_231027 | SD059 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | **0.0010** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.419** |
| QLD_0861_PFASOMP_24 | 0861_SD059_240409 | SD059 | 09 Apr 2024 | Normal | EB2413910 | <0.0006 | <0.0006 | <0.0020 | <0.0016 | <0.0006 | <0.0016 | <0.0016 | <0.0006 | <0.0016 | **0.625** |
| QLD_0861_PFASOMP_24a | 0861_SD059_241031 | SD059 | 31 Oct 2024 | Normal | 1173066 | **0.0013** | **0.0002** | **0.0007** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.1675** |
| QLD_0861_PFAS | 0861_SD064_0.2_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.120** |
| QLD_0861_PFAS | 0861_SD064_0_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0421** |
| QLD_0861_PFAS | 0861_SD64_0.0_190513 | SD064 | 13 May 2019 | Normal | EB1912390 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0809** |
| QLD_0861_PFASOMP | 0861_SD064_200421 | SD064 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0333** |
| QLD_0861_PFASOMP | 0861_SD064_201021 | SD064 | 21 Oct 2020 | Normal | EB2027539 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0493** |
| QLD_0861_PFASOMP | 0861_SD064_210419 | SD064 | 19 Apr 2021 | Normal | EB2111116 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.113** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP | 0861_SD064_211025 | SD064 | 25 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.104** |
| QLD_0861_PFASOMP | 0861_SD064_220406 | SD064 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0832** |
| QLD_0861_PFASOMP | 0861_SD064_221024 | SD064 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.313** |
| QLD_0861_PFASOMP_23 | 0861_SD064_230420 | SD064 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0005** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.205** |
| QLD_0861_PFASOMP_23 | 0861_SD064_231129 | SD064 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.232** |
| QLD_0861_PFASOMP_24 | 0861_SD064_240418 | SD064 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.136** |
| QLD_0861_PFASOMP_24a | 0861_SD064_241105 | SD064 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.1064** |
| QLD_0861_PFAS | 0861_SD067_0.1_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | **0.0078** | <0.0005 | **0.0002** | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **1.92** |
| QLD_0861_PFAS | 0861_SD067_0_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0046** |
| QLD_0861_PFAS | 0861_SD67_0.0_190513 | SD067 | 13 May 2019 | Normal | EB1912390 | <0.0005 | <0.0005 | **0.0076** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **1.21** |
| QLD_0861_PFASOMP | 0861_SD067_200421 | SD067 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0025 | <0.0025 | <0.0025 | <0.0062 | <0.0025 | <0.0062 | <0.0062 | <0.0025 | <0.0062 | **0.135** |
| QLD_0861_PFASOMP | 0861_SD067_201021 | SD067 | 21 Oct 2020 | Normal | EB2027539 | <0.0005 | <0.0005 | **0.0042** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.170** |
| QLD_0861_PFASOMP | 0861_SD067_210419 | SD067 | 19 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | **0.0043** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.341** |
| QLD_0861_PFASOMP | 0861_SD067_211025 | SD067 | 25 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | **0.0045** | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | **0.873** |
| QLD_0861_PFASOMP | 0861_SD067_220406 | SD067 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | **0.0023** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.822** |
| QLD_0861_PFASOMP | 0861_SD067_221024 | SD067 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | **0.0014** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.576** |
| QLD_0861_PFASOMP_23 | 0861_SD067_230420 | SD067 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0023** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.386** |
| QLD_0861_PFASOMP_23 | 0861_SD067_231129 | SD067 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0049 | <0.0049 | <0.0049 | <0.0123 | <0.0049 | <0.0123 | <0.0123 | <0.0049 | <0.0123 | **1.41** |
| QLD_0861_PFASOMP_24 | 0861_SD067_240418 | SD067 | 18 Apr 2024 | Normal | EB2413910 | <0.0050 | <0.0050 | <0.0050 | <0.0126 | <0.0050 | <0.0126 | <0.0126 | <0.0050 | <0.0126 | **1.82** |
| QLD_0861_PFASOMP_24a | 0861_SD067_241105 | SD067 | 05 Nov 2024 | Normal | 1173066 | **0.0002** | <0.0001 | **0.0029** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.827** |
| QLD_0861_PFAS | 0861_SD076_SD_0.4_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0241** |
| QLD_0861_PFAS | 0861_SD076_SD_0_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0068** |
| QLD_0861_PFAS | 0861_SD076_0.0_190501 | SD076 | 01 May 2019 | Normal | EB1911384 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0712** |
| QLD_0861_PFASOMP | 0861_SD076_200415 | SD076 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0888** |
| QLD_0861_PFASOMP | 0861_SD076_201016 | SD076 | 16 Oct 2020 | Normal | EB2027176-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | **0.0010** | <0.0002 | <0.0005 | **0.0398** |
| QLD_0861_PFASOMP | 0861_SD076_210330 | SD076 | 30 Mar 2021 | Normal | EB2108857 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.0926** |
| QLD_0861_PFASOMP | 0861_SD076_211026 | SD076 | 26 Oct 2021 | Normal | EB2130850 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.123** |
| QLD_0861_PFASOMP | 0861_SD076_220328 | SD076 | 28 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0020** |
| QLD_0861_PFASOMP_23 | 0861_SD076_230418 | SD076 | 18 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0407** |
| QLD_0861_PFASOMP_23 | 0861_SD076_231027 | SD076 | 27 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0010 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.476** |
| QLD_0861_PFASOMP_24 | 0861_SD076_240409 | SD076 | 09 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0929** |
| QLD_0861_PFASOMP_24a | 0861_SD076_241028 | SD076 | 28 Oct 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0722** |
| QLD_0861_PFAS | 0861_SD079_0.2_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0126** |
| QLD_0861_PFAS | 0861_SD079_0_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0402** |
| QLD_0861_PFASOMP | 0861_SD079_200421 | SD079 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.038** |
| QLD_0861_PFASOMP | 0861_SD079_201021 | SD079 | 21 Oct 2020 | Normal | EB2027539 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0658** |
| QLD_0861_PFASOMP | 0861_QC146_210419 | SD079 | 19 Apr 2021 | Field_D | EB2111121 | <0.0010 | <0.0010 | <0.0014 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.680** |
| QLD_0861_PFASOMP | 0861_QC246_210419 | SD079 | 19 Apr 2021 | Interlab_D | RN1313031 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD079_210419 | SD079 | 19 Apr 2021 | Normal | EB2111116 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.254** |
| QLD_0861_PFASOMP | 0861_SD079_211025 | SD079 | 25 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0175** |
| QLD_0861_PFASOMP | 0861_SD079_220406 | SD079 | 06 Apr 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0010 | <0.0012 | <0.0012 | <0.0024 | <0.0012 | **0.196** |
| QLD_0861_PFASOMP | 0861_SD079_221024 | SD079 | 24 Oct 2022 | Normal | EB2231825 | <0.0005 | <0.0005 | **0.0006** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.282** |
| QLD_0861_PFASOMP_23 | 0861_SD079_230420 | SD079 | 21 Apr 2023 | Normal | EB2312062-AA | **0.0038** | <0.0014 | **0.0094** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **1.94** |
| QLD_0861_PFASOMP_23 | 0861_SD079_231129 | SD079 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0012 | <0.0012 | **0.0030** | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | **0.460** |
| QLD_0861_PFASOMP_24 | 0861_SD079_240418 | SD079 | 18 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0371** |
| QLD_0861_PFASOMP_24a | 0861_QC101_241105 | SD079 | 05 Nov 2024 | Field_D | 1156536 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.01 | <0.005 | **0.152** |
| QLD_0861_PFASOMP_24a | 0861_QC201_241105 | SD079 | 05 Nov 2024 | Interlab_D | 365858 | <0.0002 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.076** |
| QLD_0861_PFASOMP_24a | 0861_SD079_241105 | SD079 | 05 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.092** |
| QLD_0861_PFAS | 0861_SD80_0.0_190513 | SD080 | 13 May 2019 | Normal | EB1912390 | **0.0025** | <0.0005 | **0.0049** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.190** |
| QLD_0861_PFAS | QC102_191203 | SD080 | 03 Dec 2019 | Field_D | EB1932627 | **0.0014** | **0.0010** | **0.0021** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.221** |
| QLD_0861_PFAS | SD080_191203 | SD080 | 03 Dec 2019 | Normal | EB1932627 | <0.0010 | <0.0010 | **0.0023** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.116** |
| QLD_0861_PFASOMP | 0861_SD080_200421 | SD080 | 21 Apr 2020 | Normal | EB2011246-AC | **0.0092** | **0.0007** | **0.0008** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0965** |
| QLD_0861_PFASOMP | 0861_SD080_201021 | SD080 | 21 Oct 2020 | Normal | EB2027539 | **0.0096** | **0.0015** | **0.0008** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.202** |
| QLD_0861_PFASOMP | 0861_SD080_210419 | SD080 | 19 Apr 2021 | Normal | EB2111116 | **0.0100** | **0.0024** | **0.0050** | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | **0.924** |
| QLD_0861_PFASOMP | 0861_SD080_211025 | SD080 | 25 Oct 2021 | Normal | EB2130835 | **0.0048** | **0.0038** | **0.0128** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | **0.0013** | <0.0025 | **0.998** |
| QLD_0861_PFASOMP | 0861_SD080_220406 | SD080 | 06 Apr 2022 | Normal | EB2209951 | **0.0026** | **0.0021** | **0.0034** | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.392** |
| QLD_0861_PFASOMP | 0861_SD080_221024 | SD080 | 24 Oct 2022 | Normal | EB2231825 | **0.0047** | <0.0010 | **0.0068** | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | **0.667** |
| QLD_0861_PFASOMP_23 | 0861_SD080_230420 | SD080 | 21 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | **0.0012** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.131** |
| QLD_0861_PFASOMP_23 | 0861_SD080_231129 | SD080 | 29 Nov 2023 | Normal | EB2337879-AA | <0.0013 | <0.0013 | <0.0038 | <0.0032 | <0.0013 | <0.0032 | <0.0032 | <0.0013 | <0.0032 | **0.712** |
| QLD_0861_PFASOMP_24 | 0861_SD080_240418 | SD080 | 18 Apr 2024 | Normal | EB2413910 | <0.0015 | <0.0015 | **0.0010** | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.258** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD080_241105 | SD080 | 05 Nov 2024 | Normal | 1173066 | **0.0066** | **0.0004** | **0.0051** | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.86** |
| QLD_0861_PFAS | 0861_SD088_0.2_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0004** |
| QLD_0861_PFAS | 0861_SD088_0_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_200420 | SD088 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_QC122_201013 | SD088 | 13 Oct 2020 | Field_D | EB2027176-AA | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | <0.0010 |
| QLD_0861_PFASOMP | 0861_QC222_201013 | SD088 | 13 Oct 2020 | Interlab_D | RN1292029 | <0.02 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD088_201013 | SD088 | 13 Oct 2020 | Normal | EB2027172 | <0.0010 | <0.0010 | <0.0010 | <0.0025 | <0.0010 | <0.0025 | <0.0025 | <0.0010 | <0.0025 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD088_210413 | SD088 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_211020 | SD088 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0003** |
| QLD_0861_PFASOMP | 0861_QC174_220331 | SD088 | 31 Mar 2022 | Field_D | EB2209942 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_QC274_220331 | SD088 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD088_220331 | SD088 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD088_221019 | SD088 | 19 Oct 2022 | Normal | EB2231197 | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0050 | <0.0050 | <0.0020 | <0.0050 | <0.0020 |
| QLD_0861_PFASOMP_23 | 0861_SD088_230522 | SD088 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC105_231023 | SD088 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861-_QC205_231023 | SD088 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD088_231023 | SD088 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD088_240410 | SD088 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD088_241118 | SD088 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 |
| QLD_0861_PFAS | 0861_SD089_0.4_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD089_0_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD089_0.0_190510 | SD089 | 10 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD089_200420 | SD089 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_201013 | SD089 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_210413 | SD089 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD089_211020 | SD089 | 20 Oct 2021 | Normal | EB2130835 | <0.0010 | <0.0010 | <0.0010 | <0.0024 | <0.0010 | <0.0024 | <0.0024 | <0.0010 | <0.0024 | <0.0010 |
| QLD_0861_PFASOMP | 0861_SD089_220331 | SD089 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |
| QLD_0861_PFASOMP | 0861_SD089_221019 | SD089 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD089_230522 | SD089 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_SD089_231023 | SD089 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD089_240410 | SD089 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD089_241118 | SD089 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 |
| QLD_0861_PFAS | 0861_SD091_0.25_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD091_0_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFAS | 0861_SD091_0.0_190510 | SD091 | 10 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_200420 | SD091 | 20 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | <0.0005 |
| QLD_0861_PFASOMP | 0861_SD091_201013 | SD091 | 13 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_210414 | SD091 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0016** |
| QLD_0861_PFASOMP | 0861_SD091_211021 | SD091 | 21 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_220331 | SD091 | 31 Mar 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD091_221021 | SD091 | 21 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0010** |
| QLD_0861_PFASOMP_23 | 0861_SD091_230522 | SD091 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0681_QC102_231023 | SD091 | 23 Oct 2023 | Field_D | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_23 | 0861_QC202_231023 | SD091 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD091_231023 | SD091 | 23 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24 | 0861_SD091_240410 | SD091 | 10 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD091_241118 | SD091 | 18 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0001** |
| QLD_0861_PFAS | 0861_SD094_0.2_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0421** |
| QLD_0861_PFAS | 0861_SD094_0_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | **0.0003** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.158** |
| QLD_0861_PFASOMP | 0861_SD094_200415 | SD094 | 15 Apr 2020 | Normal | EB2010666-AE | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0117** |
| QLD_0861_PFASOMP | 0861_QC124_201014 | SD094 | 14 Oct 2020 | Field_D | EB2027176-AA | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0050 | <0.0050 | <0.0020 | <0.0050 | <0.0020 |
| QLD_0861_PFASOMP | 0861_QC224_201014 | SD094 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.02 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD094_201014 | SD094 | 14 Oct 2020 | Normal | EB2027172 | <0.0012 | <0.0012 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | <0.0012 |
| QLD_0861_PFASOMP | 0861_SD094_210414 | SD094 | 14 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0065** |
| QLD_0861_PFASOMP | 0861_SD094_211022 | SD094 | 22 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0036** |
| QLD_0861_PFASOMP | 0861_QC177_220401 | SD094 | 01 Apr 2022 | Field_D | EB2209942 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0109** |
| QLD_0861_PFASOMP | 0861_QC277_220401 | SD094 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.001 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.002 | <0.002 | <0.005 | - |
| QLD_0861_PFASOMP | 0861_SD094_220401 | SD094 | 01 Apr 2022 | Normal | EB2209950 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0085** |
| QLD_0861_PFASOMP | 0861_SD094_221019 | SD094 | 19 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0011** |
| QLD_0861_PFASOMP_23 | 0861_SD094_230522 | SD094 | 22 May 2023 | Normal | EB2315514 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0002** |

| | | | | | | omer Sulfonic Acids | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.0001 | 0.0001 | 0.0002 | 0.0005 | 0.0002 | 0.0005 | 0.0005 | 0.0002 | 0.0005 | 0.0001 |
| **Project ID** | **Field ID** | **Location Code** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_SD094_231024 | SD094 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0050 | <0.0050 | <0.0020 | <0.0050 | <0.0020 |
| QLD_0861_PFASOMP_24 | 0861_SD094_240411 | SD094 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0063** |
| QLD_0861_PFASOMP_24a | 0861_SD094_241108 | SD094 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0081** |
| QLD_0861_PFAS | 0861_SD098_0_170915 | SD098 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0031** |
| QLD_0861_PFAS | 0861_SD098_0.0_190506 | SD098 | 06 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0007** |
| QLD_0861_PFAS | 0861_SD098_0.0_191120 | SD098 | 20 Nov 2019 | Normal | EB1931427 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0005** |
| QLD_0861_PFASOMP | 0861_SD098_200415 | SD098 | 15 Apr 2020 | Normal | EB2010666-AF | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0026** |
| QLD_0861_PFASOMP | 0861_SD098_201015 | SD098 | 15 Oct 2020 | Normal | EB2027208-AA | <0.0005 | <0.0005 | **0.0002** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0168** |
| QLD_0861_PFASOMP | 0861_SD098_210415 | SD098 | 15 Apr 2021 | Normal | EB2111112 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0079** |
| QLD_0861_PFASOMP | 0861_SD098_211019 | SD098 | 19 Oct 2021 | Normal | EB2130815 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0020** |
| QLD_0861_PFASOMP | 0861_SD098_220401 | SD098 | 01 Apr 2022 | Normal | EB2209946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD098_221020 | SD098 | 20 Oct 2022 | Normal | EB2231202 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0022** |
| QLD_0861_PFASOMP_23 | 0861_QC108_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0007** |
| QLD_0861_PFASOMP_23 | 0861_QC208_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0006** |
| QLD_0861_PFASOMP_23 | 0861_SD098_230418 | SD098 | 18 Apr 2023 | Normal | EB2312057 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0010** |
| QLD_0861_PFASOMP_23 | 0861_SD098_231026 | SD098 | 26 Oct 2023 | Normal | EB2333898 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0012** |
| QLD_0861_PFASOMP_24 | 0861_SD098_240412 | SD098 | 12 Apr 2024 | Normal | EB2413946 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0012 | <0.0012 | <0.0002 | <0.0005 | **0.0038** |
| QLD_0861_PFASOMP_24a | 0861_SD098_241108 | SD098 | 08 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0049** |
| QLD_0861_PFAS | 0861_SD099_0.4_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | **0.0004** | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0274** |
| QLD_0861_PFAS | 0861_SD099_0_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | <0.0005 | <0.0005 | **0.0021** | <0.0005 | **0.0002** | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.115** |
| QLD_0861_PFAS | 0861_SD099_0.0_190507 | SD099 | 07 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0067** |
| QLD_0861_PFAS | 0861_SD099_191127 | SD099 | 27 Nov 2019 | Normal | EB1932183 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0503** |
| QLD_0861_PFASOMP | 0861_SD099_200421 | SD099 | 21 Apr 2020 | Normal | EB2011246-AC | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0053** |
| QLD_0861_PFASOMP | 0861_SD099_201015 | SD099 | 15 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0110** |
| QLD_0861_PFASOMP | 0861_SD099_210413 | SD099 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0077** |
| QLD_0861_PFASOMP | 0861_SD099_211020 | SD099 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0015 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0083** |
| QLD_0861_PFASOMP | 0861_SD099_220329 | SD099 | 29 Mar 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP | 0861_SD099_221020 | SD099 | 20 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0056** |
| QLD_0861_PFASOMP_23 | 0861_SD099_230419 | SD099 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0002 | <0.0006 | <0.0002 | <0.0006 | <0.0006 | <0.0002 | <0.0006 | **0.0047** |
| QLD_0861_PFASOMP_23 | 0861_SD099_231024 | SD099 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0031** |
| QLD_0861_PFASOMP_24 | 0861_SD099_240411 | SD099 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD099_241106 | SD099 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0022** |
| QLD_0861_PFAS | 0861_SD100_0.2_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0113** |
| QLD_0861_PFAS | 0861_SD100_0_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0021** |
| QLD_0861_PFAS | 0861_QC103_190507 | SD100 | 07 May 2019 | Field_D | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0012** |
| QLD_0861_PFAS | 0861_SD100_0.0_190507 | SD100 | 07 May 2019 | Normal | EB1911952 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0009** |
| QLD_0861_PFAS | 0861_QC204_191127 | SD100 | 27 Nov 2019 | Interlab_D | 232094-A | <0.0001 | <0.0001 | <0.001 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.0002 | <0.005 | **0.016** |
| QLD_0861_PFAS | 0861_SD100_0.1_191127 | SD100 | 27 Nov 2019 | Normal | EB1932183 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0124** |
| QLD_0861_PFAS | QC104_191127 | SD100 | 27 Nov 2019 | Field_D | EB1934177 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0048** |
| QLD_0861_PFASOMP | 0861_SD100_200421 | SD100 | 21 Apr 2020 | Normal | EB2011246-AC | <0.001 | <0.001 | <0.001 | <0.0025 | <0.001 | <0.0025 | <0.0025 | <0.001 | <0.0025 | **0.003** |
| QLD_0861_PFASOMP | 0861_SD100_201015 | SD100 | 15 Oct 2020 | Normal | EB2027172 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0024** |
| QLD_0861_PFASOMP | 0861_SD100_210413 | SD100 | 13 Apr 2021 | Normal | EB2111116 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0042** |
| QLD_0861_PFASOMP | 0861_SD100_211020 | SD100 | 20 Oct 2021 | Normal | EB2130835 | <0.0005 | <0.0005 | <0.0005 | <0.0012 | <0.0005 | <0.0012 | <0.0012 | <0.0005 | <0.0012 | **0.0028** |
| QLD_0861_PFASOMP | 0861_SD100_220329 | SD100 | 29 Mar 2022 | Normal | EB2209951 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0030** |
| QLD_0861_PFASOMP | 0861_SD100_221020 | SD100 | 20 Oct 2022 | Normal | EB2231197 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | **0.0061** |
| QLD_0861_PFASOMP_23 | 0861_SD100_230419 | SD100 | 19 Apr 2023 | Normal | EB2312062-AA | <0.0005 | <0.0005 | <0.0012 | <0.0031 | <0.0012 | <0.0031 | <0.0031 | <0.0012 | <0.0031 | **0.0014** |
| QLD_0861_PFASOMP_23 | 0861_SD100_231024 | SD100 | 24 Oct 2023 | Normal | EB2333894-AA | <0.0020 | <0.0020 | <0.0020 | <0.0050 | <0.0020 | <0.0050 | <0.0050 | <0.0020 | <0.0050 | <0.0020 |
| QLD_0861_PFASOMP_24 | 0861_SD100_240411 | SD100 | 11 Apr 2024 | Normal | EB2413910 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 | <0.0005 | <0.0005 | <0.0002 | <0.0005 | <0.0002 |
| QLD_0861_PFASOMP_24a | 0861_SD100_241106 | SD100 | 06 Nov 2024 | Normal | 1173066 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | **0.0035** |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFAS | 0861_SD002_0.4_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFAS | 0861_SD002_0_170913 | SD002 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0183 | - | - | 0.0191 | - |
| QLD_0861_PFAS | 0861_SD002_0.0_190429 | SD002 | 29 Apr 2019 | Normal | EB1911384 | - | 0.0653 | - | - | 0.0672 | - |
| QLD_0861_PFASOMP | 0861_SD002_200415 | SD002 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0137 | - | - | 0.0137 | - |
| QLD_0861_PFASOMP | 0861_SD002_201016 | SD002 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0346 | - | - | 0.0450 | - |
| QLD_0861_PFASOMP | 0861_SD002_210330 | SD002 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0112 | - | - | 0.0123 | - |
| QLD_0861_PFASOMP | 0861_SD002_211025 | SD002 | 25 Oct 2021 | Normal | EB2130835 | - | 0.0512 | - | - | 0.0609 | - |
| QLD_0861_PFASOMP | 0861_QC167_220328 | SD002 | 28 Mar 2022 | Field_D | EB2209942 | - | 0.0148 | - | - | 0.0153 | - |
| QLD_0861_PFASOMP | 0861_QC267_220328 | SD002 | 28 Mar 2022 | Interlab_D | RN1349008 | *<0.001* | - | *<0.002* | *<0.005* | - | *<0.002* |
| QLD_0861_PFASOMP | 0861_SD002_220328 | SD002 | 28 Mar 2022 | Normal | EB2209950 | - | *<0.0002* | - | - | *<0.0002* | - |
| QLD_0861_PFASOMP | 0861_SD002_221021 | SD002 | 21 Oct 2022 | Normal | EB2231197 | - | 0.0156 | - | - | 0.0184 | - |
| QLD_0861_PFASOMP_23 | 0861_SD002_230418 | SD002 | 18 Apr 2023 | Normal | EB2312062-AA | - | 0.0147 | - | - | 0.0176 | - |
| QLD_0861_PFASOMP_23 | 0861_SD002_231027 | SD002 | 27 Oct 2023 | Normal | EB2333894-AA | - | 0.0045 | - | - | 0.0045 | - |
| QLD_0861_PFASOMP_24 | 0861_SD002_240410 | SD002 | 10 Apr 2024 | Normal | EB2413910 | - | 0.0113 | - | - | 0.0117 | - |
| QLD_0861_PFASOMP_24a | 0861_QC102_241031 | SD002 | 31 Oct 2024 | Field_D | 1155836 | - | 0.037 | - | - | *<0.05* | - |
| QLD_0861_PFASOMP_24a | 0861_SD002_241031 | SD002 | 31 Oct 2024 | Normal | 1173066 | - | 0.0434 | - | - | 0.0531 | - |
| QLD_0861_PFAS | 0861_SD003_0.1_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0469 | - | - | 0.0482 | - |
| QLD_0861_PFAS | 0861_SD003_0_170913 | SD003 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0243 | - | - | 0.0288 | - |
| QLD_0861_PFAS | 0861_SD003_0.0_190429 | SD003 | 29 Apr 2019 | Normal | EB1911384 | - | 0.0873 | - | - | 0.0937 | - |
| QLD_0861_PFASOMP | 0861_SD003_200415 | SD003 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0401 | - | - | 0.0415 | - |
| QLD_0861_PFASOMP | 0861_SD003_201016 | SD003 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0500 | - | - | 0.0556 | - |
| QLD_0861_PFASOMP | 0861_SD003_210330 | SD003 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0132 | - | - | 0.0132 | - |
| QLD_0861_PFASOMP | 0861_SD003_211022 | SD003 | 22 Oct 2021 | Normal | EB2130835 | - | 0.0327 | - | - | 0.0371 | - |
| QLD_0861_PFASOMP | 0861_SD003_220328 | SD003 | 28 Mar 2022 | Normal | EB2209950 | - | *<0.0002* | - | - | *<0.0002* | - |
| QLD_0861_PFASOMP | 0861_SD003_221021 | SD003 | 21 Oct 2022 | Normal | EB2231197 | - | 0.0397 | - | - | 0.0414 | - |
| QLD_0861_PFASOMP_23 | 0861_SD003_230418 | SD003 | 18 Apr 2023 | Normal | EB2312062-AA | - | 0.0304 | - | - | 0.0323 | - |
| QLD_0861_PFASOMP_23 | 0861_SD003_231027 | SD003 | 27 Oct 2023 | Normal | EB2333894-AA | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP_24 | 0861_SD003_240410 | SD003 | 10 Apr 2024 | Normal | EB2413910 | - | 0.0013 | - | - | 0.0013 | - |
| QLD_0861_PFASOMP_24a | 0861_SD003_241031 | SD003 | 31 Oct 2024 | Normal | 1173066 | - | 0.0159 | - | - | 0.0185 | - |
| QLD_0861_PFAS | 0861_SD04_0.3_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | - | 0.0034 | - | - | 0.0034 | - |
| QLD_0861_PFAS | 0861_SD04_0_170531 | SD004 | 31 May 2017 | Normal | EB1711233 | - | 0.0048 | - | - | 0.0048 | - |
| QLD_0861_PFAS | 0861_SD004_0.0_190502 | SD004 | 02 May 2019 | Normal | EB1911384 | - | 0.0174 | - | - | 0.0176 | - |
| QLD_0861_PFAS | 0861_SD004_0.0_191119 | SD004 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0032 | - | - | 0.0032 | - |
| QLD_0861_PFASOMP | 0861_SD004_200414 | SD004 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0028 | - | - | 0.0028 | - |
| QLD_0861_PFASOMP | 0861_SD004_201012 | SD004 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0058 | - | - | 0.0058 | - |
| QLD_0861_PFASOMP | 0861_SD004_210414 | SD004 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0062 | - | - | 0.0062 | - |
| QLD_0861_PFASOMP | 0861_SD004_211019 | SD004 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0064 | - | - | 0.0069 | - |
| QLD_0861_PFASOMP | 0861_SD004_220329 | SD004 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0013 | - | - | 0.0013 | - |
| QLD_0861_PFASOMP | 0861_SD004_221018 | SD004 | 18 Oct 2022 | Normal | EB2231197 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP_23 | 0861_SD004_230428 | SD004 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.0084 | - | - | 0.0089 | - |
| QLD_0861_PFASOMP_23 | 0861_SD004_231025 | SD004 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0057 | - | - | 0.0057 | - |
| QLD_0861_PFASOMP_24 | 0861_SD004_240409 | SD004 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0305 | - | - | 0.0305 | - |
| QLD_0861_PFASOMP_24a | 0861_SD004_241108 | SD004 | 08 Nov 2024 | Normal | 1173066 | - | 0.0078 | - | - | 0.0093 | - |
| QLD_0861_PFAS | 0861_SD05_0.3_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | - | 0.548 | - | - | 0.556 | - |
| QLD_0861_PFAS | 0861_SD05_0_170531 | SD005 | 31 May 2017 | Normal | EB1711233 | - | 0.488 | - | - | 0.506 | - |
| QLD_0861_PFAS | 0861_SD005_0.0_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | - | 0.144 | - | - | 0.152 | - |
| QLD_0861_PFAS | 0861_SD005_0.3_190430 | SD005 | 30 Apr 2019 | Normal | EB1911384 | - | 0.174 | - | - | 0.224 | - |
| QLD_0861_PFAS | 0861_SD005_0.0_191118 | SD005 | 18 Nov 2019 | Normal | EB1931427 | - | 0.0081 | - | - | 0.0089 | - |
| QLD_0861_PFAS | 0861_SD005_0.3_191119 | SD005 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0071 | - | - | 0.0071 | - |
| QLD_0861_PFASOMP | 0861_SD005_200414 | SD005 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0031 | - | - | 0.0031 | - |
| QLD_0861_PFASOMP | 0861_SD005_201012 | SD005 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0410 | - | - | 0.0410 | - |
| QLD_0861_PFASOMP | 0861_SD005_210412 | SD005 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0215 | - | - | 0.0215 | - |
| QLD_0861_PFASOMP | 0861_SD005_211019 | SD005 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0104 | - | - | 0.0104 | - |
| QLD_0861_PFASOMP | 0861_SD005_220329 | SD005 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0025 | - | - | 0.0030 | - |
| QLD_0861_PFASOMP | 0861_QC183_221018 | SD005 | 18 Oct 2022 | Field_D | EB2231197 | - | 0.134 | - | - | 0.134 | - |
| QLD_0861_PFASOMP | 0861_QC283_221018 | SD005 | 18 Oct 2022 | Interlab_D | RN1370747 | *<0.001* | - | *<0.002* | *<0.005* | - | *<0.002* |
| QLD_0861_PFASOMP | 0861_SD005_221018 | SD005 | 18 Oct 2022 | Normal | EB2231197 | - | 0.118 | - | - | 0.118 | - |
| QLD_0861_PFASOMP_23 | 0861_SD005_230428 | SD005 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.357 | - | - | 0.381 | - |
| QLD_0861_PFASOMP_23 | 0861_SD005_231025 | SD005 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0030 | - | - | 0.0033 | - |
| QLD_0861_PFASOMP_24 | 0861_SD005_240409 | SD005 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0033 | - | - | 0.0033 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD005_241108 | SD005 | 08 Nov 2024 | Normal | 1173066 | - | 0.0144 | - | - | 0.0149 | - |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.0-0.1 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAFAmb SED04 0.4-0.5 | SD008 | 26 Jul 2012 | Normal | EB1219768 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.0_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_121009 | SD008 | 09 Oct 2012 | Normal | EB1226360 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0.4_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD04_0_130116 | SD008 | 16 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0.4_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD04_0_130809 | SD008 | 09 Aug 2013 | Normal | EB1319281 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED02_170302 | SD008 | 02 Mar 2017 | Normal | EB1704230 | - | 0.136 | - | - | 0.148 | - |
| QLD_0861_PFAS | 0861_SD08_0.3_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | - | 0.0241 | - | - | 0.0265 | - |
| QLD_0861_PFAS | 0861_SD08_0_170531 | SD008 | 31 May 2017 | Normal | EB1711233 | - | 0.0284 | - | - | 0.0294 | - |
| QLD_Hist_202012-3 | 0861_SED02_171013 | SD008 | 13 Oct 2017 | Normal | EB1721221 | - | 0.0537 | - | - | 0.0565 | - |
| QLD_0861_PFAS | 0861_SD008_0.0_190502 | SD008 | 02 May 2019 | Normal | EB1911384 | - | 0.0373 | - | - | 0.0669 | - |
| QLD_0861_PFASOMP | 0861_QC107_200417 | SD008 | 17 Apr 2020 | Field_D | EB2010666-AE | - | 0.0050 | - | - | 0.0050 | - |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1271947 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_QC207_200417 | SD008 | 17 Apr 2020 | Interlab_D | RN1274650 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD008_200417 | SD008 | 17 Apr 2020 | Normal | EB2010666-AE | - | 0.0322 | - | - | 0.0330 | - |
| QLD_0861_PFASOMP | 0861_SD008_201012 | SD008 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0512 | - | - | 0.0512 | - |
| QLD_0861_PFASOMP | 0861_SD008_210415 | SD008 | 15 Apr 2021 | Normal | EB2111116 | - | 0.158 | - | - | 0.168 | - |
| QLD_0861_PFASOMP | 0861_SD008_211026 | SD008 | 26 Oct 2021 | Normal | EB2130850 | - | 0.110 | - | - | 0.117 | - |
| QLD_0861_PFASOMP | 0861_SD008_220328 | SD008 | 28 Mar 2022 | Normal | EB2209950 | - | 0.0004 | - | - | 0.0004 | - |
| QLD_0861_PFASOMP | 0861_SD008_221026 | SD008 | 26 Oct 2022 | Normal | EB2231825 | - | 0.0241 | - | - | 0.0253 | - |
| QLD_0861_PFASOMP_23 | 0861_SD008_230428 | SD008 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.272 | - | - | 0.282 | - |
| QLD_0861_PFASOMP_23 | 0861_SD008_231025 | SD008 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0364 | - | - | 0.0398 | - |
| QLD_0861_PFASOMP_24 | 0861_SD008_240412 | SD008 | 12 Apr 2024 | Normal | EB2413910 | - | 0.0309 | - | - | 0.0390 | - |
| QLD_0861_PFASOMP_24a | 0861_SD008_241106 | SD008 | 06 Nov 2024 | Normal | 1173066 | - | 0.0245 | - | - | 0.0272 | - |
| QLD_0861_PFAS | 0861_SD09_0.3_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD09_0_170531 | SD009 | 31 May 2017 | Normal | EB1711233 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD009_0.0_190502 | SD009 | 02 May 2019 | Normal | EB1911384 | - | 0.0028 | - | - | 0.0028 | - |
| QLD_0861_PFASOMP | 0861_SD009_200415 | SD009 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP | 0861_SD009_201012 | SD009 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0052 | - | - | 0.0052 | - |
| QLD_0861_PFASOMP | 0861_SD009_210414 | SD009 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0035 | - | - | 0.0035 | - |
| QLD_0861_PFASOMP | 0861_SD009_211022 | SD009 | 22 Oct 2021 | Normal | EB2130835 | - | 0.0107 | - | - | 0.0107 | - |
| QLD_0861_PFASOMP | 0861_SD009_220329 | SD009 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0625 | - | - | 0.0647 | - |
| QLD_0861_PFASOMP_23 | 0861_SD009_230428 | SD009 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.0731 | - | - | 0.0738 | - |
| QLD_0861_PFASOMP_23 | 0861_SD009_231025 | SD009 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0021 | - | - | 0.0021 | - |
| QLD_0861_PFASOMP_24 | 0861_SD009_240412 | SD009 | 12 Apr 2024 | Normal | EB2413910 | - | 0.0064 | - | - | 0.0064 | - |
| QLD_0861_PFASOMP_24a | 0861_SD009_241108 | SD009 | 08 Nov 2024 | Normal | 1173066 | - | 0.0018 | - | - | 0.0021 | - |
| QLD_Hist_202012-3 | E0861_SD09_0.4_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD09_0_130822 | SD011 | 22 Aug 2013 | Normal | EB1320352 | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_SD011_SD_0.3_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | - | 0.0205 | - | - | 0.0205 | - |
| QLD_0861_PFAS | 0861_SD011_SD_0_170912 | SD011 | 13 Sep 2017 | Normal | EB1718855 | - | 0.0188 | - | - | 0.0188 | - |
| QLD_0861_PFAS | 0861_SD011_0.0_190501 | SD011 | 01 May 2019 | Normal | EB1911384 | - | 0.423 | - | - | 0.434 | - |
| QLD_0861_PFASOMP | 0861_SD011_200414 | SD011 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0595 | - | - | 0.0595 | - |
| QLD_0861_PFASOMP | 0861_SD011_201016 | SD011 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.273 | - | - | 0.284 | - |
| QLD_0861_PFASOMP | 0861_SD011_210330 | SD011 | 30 Mar 2021 | Normal | EB2108857 | - | 0.797 | - | - | 0.813 | - |
| QLD_0861_PFASOMP | 0861_SD011_211026 | SD011 | 26 Oct 2021 | Normal | EB2130850 | - | 0.116 | - | - | 0.124 | - |
| QLD_0861_PFASOMP | 0861_SD011_220328 | SD011 | 28 Mar 2022 | Normal | EB2209950 | - | 0.0009 | - | - | 0.0009 | - |
| QLD_0861_PFASOMP_23 | 0861_SD011_230417 | SD011 | 17 Apr 2023 | Normal | EB2312062-AA | - | 0.0042 | - | - | 0.0042 | - |
| QLD_0861_PFASOMP_23 | 0861_SD011_231024 | SD011 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.107 | - | - | 0.107 | - |
| QLD_0861_PFASOMP_24 | 0861_SD011_240409 | SD011 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0420 | - | - | 0.0426 | - |
| QLD_0861_PFASOMP_24a | 0861_SD011_241031 | SD011 | 31 Oct 2024 | Normal | 1173066 | - | 0.1465 | - | - | 0.1546 | - |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.0-0.1 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | RAAF AMB SED106 0.4-0.5 | SD015 | 01 Aug 2012 | Normal | EB1220184 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.0_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_121011 | SD015 | 11 Oct 2012 | Normal | EB1226594 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_QC1_SD_130117 | SD015 | 17 Jan 2013 | Field_D | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0.4_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 5259_SD106_0_130117 | SD015 | 17 Jan 2013 | Normal | EB1301006 | - | - | - | - | - | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_Hist_202012-3 | E0861_SD106_0.4_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | E0861_SD106_0_130821 | SD015 | 21 Aug 2013 | Normal | EB1320178 | - | - | - | - | - | - |
| QLD_Hist_202012-3 | 0861_SED10_170302 | SD015 | 02 Mar 2017 | Normal | EB1704230 | - | 0.0125 | - | - | 0.0125 | - |
| QLD_0861_PFAS | 0861_SD15_0.3_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | - | 0.0049 | - | - | 0.0051 | - |
| QLD_0861_PFAS | 0861_SD15_0_170605 | SD015 | 05 Jun 2017 | Normal | EB1711471 | - | 0.0023 | - | - | 0.0027 | - |
| QLD_Hist_202012-3 | 0861_SED10_171016 | SD015 | 16 Oct 2017 | Normal | EB1721395 | - | 0.0106 | - | - | 0.0106 | - |
| QLD_0861_PFAS | 0861_SD015_0.0_190430 | SD015 | 30 Apr 2019 | Normal | EB1911384 | - | 0.0177 | - | - | 0.0177 | - |
| QLD_0861_PFAS | 0861_SD015_0.0_191119 | SD015 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0153 | - | - | 0.0195 | - |
| QLD_0861_PFASOMP | 0861_SD015_200414 | SD015 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0013 | - | - | 0.0019 | - |
| QLD_0861_PFASOMP | 0861_SD015_201012 | SD015 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0010 | - | - | 0.0010 | - |
| QLD_0861_PFASOMP | 0861_SD015_210412 | SD015 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0060 | - | - | 0.0060 | - |
| QLD_0861_PFASOMP | 0861_SD015_211019 | SD015 | 19 Oct 2021 | Normal | EB2130835 | - | <0.0012 | - | - | <0.0012 | - |
| QLD_0861_PFASOMP | 0861_SD015_220329 | SD015 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0048 | - | - | 0.0048 | - |
| QLD_0861_PFASOMP | 0861_SD015_221018 | SD015 | 18 Oct 2022 | Normal | EB2231197 | - | 0.0044 | - | - | 0.0050 | - |
| QLD_0861_PFASOMP_23 | 0861_SD015_230426 | SD015 | 26 Apr 2023 | Normal | EB2312761-AA | - | 0.0062 | - | - | 0.0062 | - |
| QLD_0861_PFASOMP_23 | 0861_SD015_231025 | SD015 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0076 | - | - | 0.0076 | - |
| QLD_0861_PFASOMP_24 | 0861_SD015_240409 | SD015 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0062 | - | - | 0.0062 | - |
| QLD_0861_PFASOMP_24a | 0861_SD015_241107 | SD015 | 07 Nov 2024 | Normal | 1173066 | - | 0.0028 | - | - | 0.0028 | - |
| QLD_0861_PFAS | 0861_SD16_0.3_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | - | 0.253 | - | - | 0.257 | - |
| QLD_0861_PFAS | 0861_SD16_0_170605 | SD016 | 05 Jun 2017 | Normal | EB1711471 | - | 0.599 | - | - | 0.612 | - |
| QLD_0861_PFAS | 0861_SD016_0.0_190430 | SD016 | 30 Apr 2019 | Normal | EB1911384 | - | 0.0102 | - | - | 0.0108 | - |
| QLD_0861_PFAS | 0861_SD016_0.0_191119 | SD016 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0031 | - | - | 0.0031 | - |
| QLD_0861_PFASOMP | 0861_SD016_200414 | SD016 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0065 | - | - | 0.0065 | - |
| QLD_0861_PFASOMP | 0861_SD016_201012 | SD016 | 12 Oct 2020 | Normal | EB2027172 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD016_210412 | SD016 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0046 | - | - | 0.0046 | - |
| QLD_0861_PFASOMP | 0861_SD016_211019 | SD016 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0136 | - | - | 0.0136 | - |
| QLD_0861_PFASOMP | 0861_SD016_220329 | SD016 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0164 | - | - | 0.0170 | - |
| QLD_0861_PFASOMP | 0861_SD016_221018 | SD016 | 18 Oct 2022 | Normal | EB2231197 | - | 0.0061 | - | - | 0.0061 | - |
| QLD_0861_PFASOMP_23 | 0861_SD016_230428 | SD016 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.0045 | - | - | 0.0045 | - |
| QLD_0861_PFASOMP_23 | 0861_SD016_231025 | SD016 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0035 | - | - | 0.0035 | - |
| QLD_0861_PFASOMP_24 | 0861_SD016_240409 | SD016 | 09 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD016_241105 | SD016 | 05 Nov 2024 | Normal | 1173066 | - | 0.0074 | - | - | 0.0074 | - |
| QLD_0861_PFAS | 0861_SD18_0.3_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0030 | - | - | 0.0030 | - |
| QLD_0861_PFAS | 0861_SD18_0_170601 | SD018 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0059 | - | - | 0.0062 | - |
| QLD_0861_PFAS | 0861_SD018_0.0_190430 | SD018 | 30 Apr 2019 | Normal | EB1911384 | - | 0.0211 | - | - | 0.0214 | - |
| QLD_0861_PFAS | 0861_SD018_191119 | SD018 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0035 | - | - | 0.0035 | - |
| QLD_0861_PFASOMP | 0861_SD018_200414 | SD018 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0007 | - | - | 0.0007 | - |
| QLD_0861_PFASOMP | 0861_SD018_201012 | SD018 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0050 | - | - | 0.0050 | - |
| QLD_0861_PFASOMP | 0861_SD018_210412 | SD018 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0104 | - | - | 0.0391 | - |
| QLD_0861_PFASOMP | 0861_SD018_211019 | SD018 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0064 | - | - | 0.0064 | - |
| QLD_0861_PFASOMP | 0861_SD018_220329 | SD018 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0280 | - | - | 0.0283 | - |
| QLD_0861_PFASOMP | 0861_SD018_221018 | SD018 | 18 Oct 2022 | Normal | EB2231197 | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP_23 | 0861_SD018_231025 | SD018 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0058 | - | - | 0.0058 | - |
| QLD_0861_PFASOMP_24 | 0861_SD018_240409 | SD018 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0036 | - | - | 0.0036 | - |
| QLD_0861_PFASOMP_24a | 0861_QC102_241106 | SD018 | 06 Nov 2024 | Field_D | 1158342 | - | 0.011 | - | - | <0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_QC202_241106 | SD018 | 06 Nov 2024 | Interlab_D | 366584 | - | - | - | - | 0.0091 | - |
| QLD_0861_PFASOMP_24a | 0861_SD018_241106 | SD018 | 06 Nov 2024 | Normal | 1173066 | - | 0.0043 | - | - | 0.0047 | - |
| QLD_0861_PFASOMP_24a | 0861_QC202_241107 | SD018 | 07 Nov 2024 | Interlab_D | 367094 | - | - | - | - | 0.0007 | - |
| QLD_0861_PFAS | 0861_SD20_0.2_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0098 | - | - | 0.0106 | - |
| QLD_0861_PFAS | 0861_SD20_0_170601 | SD020 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0053 | - | - | 0.0055 | - |
| QLD_0861_PFAS | 0861_SD020_0.0_190430 | SD020 | 30 Apr 2019 | Normal | EB1911384 | - | 0.0032 | - | - | 0.0032 | - |
| QLD_0861_PFAS | 0861_SD020_191119 | SD020 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0021 | - | - | 0.0021 | - |
| QLD_0861_PFASOMP | 0861_SD020_200415 | SD020 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0012 | - | - | 0.0012 | - |
| QLD_0861_PFASOMP | 0861_QC120_201012 | SD020 | 12 Oct 2020 | Field_D | EB2027176-AA | - | 0.0033 | - | - | 0.0033 | - |
| QLD_0861_PFASOMP | 0861_QC220_201012 | SD020 | 12 Oct 2020 | Interlab_D | RN1292029 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD020_201012 | SD020 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFASOMP | 0861_SD020_210412 | SD020 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0101 | - | - | 0.0114 | - |
| QLD_0861_PFASOMP | 0861_SD020_211019 | SD020 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0045 | - | - | 0.0052 | - |
| QLD_0861_PFASOMP | 0861_SD020_220329 | SD020 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0037 | - | - | 0.0046 | - |
| QLD_0861_PFASOMP | 0861_QC284_221018 | SD020 | 18 Oct 2022 | Field_D | EB2231197 | - | 0.0212 | - | - | 0.0229 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_SD020_221018 | SD020 | 18 Oct 2022 | Normal | EB2231197 | - | 0.0142 | - | - | 0.0153 | - |
| QLD_0861_PFASOMP | 0861_QC184_221019 | SD020 | 19 Oct 2022 | Field_D | EB2231197 | - | 0.0187 | - | - | 0.0200 | - |
| QLD_0861_PFASOMP_23 | 0861_SD020_230428 | SD020 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP_23 | 0861_SD020_231025 | SD020 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0064 | - | - | 0.0064 | - |
| QLD_0861_PFASOMP_24 | 0861_QC101_240409 | SD020 | 09 Apr 2024 | Field_D | EB2413950 | - | 0.0034 | - | - | 0.0034 | - |
| QLD_0861_PFASOMP_24 | 0861_QC201_240409 | SD020 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD020_240409 | SD020 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0043 | - | - | 0.0043 | - |
| QLD_0861_PFASOMP_24a | 0861_SD020_241106 | SD020 | 06 Nov 2024 | Normal | 1173066 | - | 0.009 | - | - | 0.0105 | - |
| QLD_0861_PFAS | 0861_SD021_0.3_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | - | 0.173 | - | - | 0.177 | - |
| QLD_0861_PFAS | 0861_SD021_0_170914 | SD021 | 14 Sep 2017 | Normal | EB1719065 | - | 0.741 | - | - | 0.882 | - |
| QLD_0861_PFAS | 0861_SD021_0.0_190503 | SD021 | 03 May 2019 | Normal | EB1911384 | - | 0.276 | - | - | 0.286 | - |
| QLD_0861_PFASOMP | 0861_SD021_200420 | SD021 | 20 Apr 2020 | Normal | EB2011246-AC | - | 0.721 | - | - | 0.765 | - |
| QLD_0861_PFASOMP | 0861_SD021_201014 | SD021 | 14 Oct 2020 | Normal | EB2027172 | - | 0.411 | - | - | 0.446 | - |
| QLD_0861_PFASOMP | 0861_SD021_210330 | SD021 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0293 | - | - | 0.0327 | - |
| QLD_0861_PFASOMP | 0861_QC158_211021 | SD021 | 21 Oct 2021 | Field_D | EB2130835 | - | 0.0449 | - | - | 0.0521 | - |
| QLD_0861_PFASOMP | 0861_QC258_211021 | SD021 | 21 Oct 2021 | Interlab_D | RN1333717 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD021_211021 | SD021 | 21 Oct 2021 | Normal | EB2130835 | - | 0.0325 | - | - | 0.0382 | - |
| QLD_0861_PFASOMP | 0861_SD021_220331 | SD021 | 31 Mar 2022 | Normal | EB2209950 | - | 0.130 | - | - | 0.130 | - |
| QLD_0861_PFASOMP | 0861_SD021_221021 | SD021 | 21 Oct 2022 | Normal | EB2231197 | - | 0.133 | - | - | 0.154 | - |
| QLD_0861_PFASOMP_23 | 0861_SD021_230426 | SD021 | 26 Apr 2023 | Normal | EB2312761-AA | - | 0.0557 | - | - | 0.0615 | - |
| QLD_0861_PFASOMP_23 | 0861_SD021_231023 | SD021 | 23 Oct 2023 | Normal | EB2333894-AA | - | 0.441 | - | - | 0.506 | - |
| QLD_0861_PFASOMP_24 | 0861_SD021_240410 | SD021 | 10 Apr 2024 | Normal | EB2413910 | - | 0.321 | - | - | 0.340 | - |
| QLD_0861_PFASOMP_24a | 0861_SD021_241101 | SD021 | 01 Nov 2024 | Normal | 1173066 | - | 0.1201 | - | - | 0.1473 | - |
| QLD_0861_PFAS | 0861_SD25_0_170601 | SD025 | 01 Jun 2017 | Normal | EB1711387 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD025_0.0_190507 | SD025 | 07 May 2019 | Normal | EB1911952 | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFAS | 0861_QC102_191120 | SD025 | 20 Nov 2019 | Field_D | EB1931427 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_QC202_191120 | SD025 | 20 Nov 2019 | Interlab_D | 231783 | - | - | - | - | <0.0001 | - |
| QLD_0861_PFAS | 0861_SD025_0.0_191120 | SD025 | 20 Nov 2019 | Normal | EB1931427 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC103_200415 | SD025 | 15 Apr 2020 | Field_D | EB2010666-AF | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_QC203_200415 | SD025 | 15 Apr 2020 | Interlab_D | RN1274649 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD025_200415 | SD025 | 15 Apr 2020 | Normal | EB2010666-AF | - | <0.0020 | - | - | <0.0020 | - |
| QLD_0861_PFASOMP | 0861_QC125_201014 | SD025 | 14 Oct 2020 | Field_D | EB2027176-AB | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC225_201014 | SD025 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD025_201014 | SD025 | 14 Oct 2020 | Normal | EB2027208-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC150_210421 | SD025 | 21 Apr 2021 | Field_D | EB2111121 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC250_210421 | SD025 | 21 Apr 2021 | Interlab_D | RN1313031 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD025_210421 | SD025 | 21 Apr 2021 | Normal | EB2111112 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD025_211022 | SD025 | 22 Oct 2021 | Normal | EB2130815 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC170_220328 | SD025 | 28 Mar 2022 | Field_D | EB2209942 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC270_220328 | SD025 | 28 Mar 2022 | Interlab_D | RN1349008 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD025_220328 | SD025 | 28 Mar 2022 | Normal | EB2209946 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD025_221020 | SD025 | 20 Oct 2022 | Normal | EB2231202 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_QC109_230426 | SD025 | 26 Apr 2023 | Field_D | EB2312761-AA | - | 0.0003 | - | - | 0.0003 | - |
| QLD_0861_PFASOMP_23 | 0861_QC209_230426 | SD025 | 26 Apr 2023 | Interlab_D | RN1393133 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD025_230426 | SD025 | 26 Apr 2023 | Normal | EB2312761-AB | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFASOMP_23 | 0861_SD025_231026 | SD025 | 26 Oct 2023 | Normal | EB2333898 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_QC105_240412 | SD025 | 12 Apr 2024 | Field_D | EB2413950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_QC205_240412 | SD025 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD025_240412 | SD025 | 12 Apr 2024 | Normal | EB2413946 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_QC103_241112 | SD025 | 12 Nov 2024 | Field_D | 1161658 | - | <0.01 | - | - | <0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_QC203_241112 | SD025 | 12 Nov 2024 | Interlab_D | 366901 | - | - | - | - | 0.0005 | - |
| QLD_0861_PFASOMP_24a | 0861_SD025_241112 | SD025 | 12 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD26_0.3_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0369 | - | - | 0.0375 | - |
| QLD_0861_PFAS | 0861_SD26_0_170602 | SD026 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0349 | - | - | 0.0349 | - |
| QLD_0861_PFAS | 0861_SD026_190507 | SD026 | 07 May 2019 | Normal | EB1911952 | - | 0.0095 | - | - | 0.0095 | - |
| QLD_0861_PFAS | 0861_QC102_191127 | SD026 | 27 Nov 2019 | Field_D | EB1932183 | - | 0.0359 | - | - | 0.0372 | - |
| QLD_0861_PFAS | 0861_QC202_191127 | SD026 | 27 Nov 2019 | Interlab_D | 232094 | - | - | - | - | 0.012 | - |
| QLD_0861_PFAS | 0861_SD026_191127 | SD026 | 27 Nov 2019 | Normal | EB1932183 | - | 0.0306 | - | - | 0.0316 | - |
| QLD_0861_PFASOMP | 0861_SD026_200421 | SD026 | 21 Apr 2020 | Normal | EB2011255 | - | 0.0029 | - | - | 0.0029 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_SD026_201015 | SD026 | 15 Oct 2020 | Normal | EB2027208-AA | - | 0.0093 | - | - | 0.0093 | - |
| QLD_0861_PFASOMP | 0861_SD026_210416 | SD026 | 16 Apr 2021 | Normal | EB2111112 | - | 0.0092 | - | - | 0.0092 | - |
| QLD_0861_PFASOMP | 0861_SD026_211020 | SD026 | 20 Oct 2021 | Normal | EB2130815 | - | 0.0067 | - | - | 0.0067 | - |
| QLD_0861_PFASOMP | 0861_SD026_220401 | SD026 | 01 Apr 2022 | Normal | EB2209946 | - | 0.0031 | - | - | 0.0031 | - |
| QLD_0861_PFASOMP | 0861_SD026_221020 | SD026 | 20 Oct 2022 | Normal | EB2231202 | - | 0.0061 | - | - | 0.0061 | - |
| QLD_0861_PFASOMP_23 | 0861_SD026_230419 | SD026 | 19 Apr 2023 | Normal | EB2312057 | - | 0.0055 | - | - | 0.0060 | - |
| QLD_0861_PFASOMP_23 | 0861_SD026_231024 | SD026 | 24 Oct 2023 | Normal | EB2333898 | - | 0.0240 | - | - | 0.0256 | - |
| QLD_0861_PFASOMP_24 | 0861_QC103_240411 | SD026 | 11 Apr 2024 | Field_D | EB2413950 | - | 0.0077 | - | - | 0.0077 | - |
| QLD_0861_PFASOMP_24 | 0861_QC203_240411 | SD026 | 11 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD026_240411 | SD026 | 11 Apr 2024 | Normal | EB2413946 | - | 0.0078 | - | - | 0.0078 | - |
| QLD_0861_PFASOMP_24a | 0861_SD026_241108 | SD026 | 08 Nov 2024 | Normal | 1173066 | - | 0.0054 | - | - | 0.0057 | - |
| QLD_0861_PFAS | 0861_SD027_0_170913 | SD027 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0178 | - | - | 0.0188 | - |
| QLD_0861_PFAS | 0861_QC102_0.0_190502 | SD027 | 02 May 2019 | Field_D | EB1911384 | - | 0.0914 | - | - | 0.0914 | - |
| QLD_0861_PFAS | 0861_QC202_0.0_190502 | SD027 | 02 May 2019 | Interlab_D | 217104 | - | - | - | - | 0.074 | - |
| QLD_0861_PFAS | 0861_SD027_0.0_190502 | SD027 | 02 May 2019 | Normal | EB1911384 | - | 0.0635 | - | - | 0.0635 | - |
| QLD_0861_PFASOMP | 0861_SD027_200415 | SD027 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD027_201016 | SD027 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0192 | - | - | 0.0200 | - |
| QLD_0861_PFASOMP | 0861_SD027_210330 | SD027 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0757 | - | - | 0.0802 | - |
| QLD_0861_PFASOMP | 0861_SD027_211026 | SD027 | 26 Oct 2021 | Normal | EB2130850 | - | 0.0096 | - | - | 0.0101 | - |
| QLD_0861_PFASOMP | 0861_SD027_220328 | SD027 | 28 Mar 2022 | Normal | EB2209950 | - | 0.208 | - | - | 0.215 | - |
| QLD_0861_PFASOMP | 0861_SD027_221021 | SD027 | 21 Oct 2022 | Normal | EB2231197 | - | 0.142 | - | - | 0.152 | - |
| QLD_0861_PFASOMP_23 | 0861_SD027_230417 | SD027 | 17 Apr 2023 | Normal | EB2312062-AA | - | 0.0051 | - | - | 0.0056 | - |
| QLD_0861_PFASOMP_23 | 0861_SD027_231024 | SD027 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.0276 | - | - | 0.0279 | - |
| QLD_0861_PFASOMP_24 | 0861_SD027_240409 | SD027 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0477 | - | - | 0.0486 | - |
| QLD_0861_PFASOMP_24a | 0861_SD027_241028 | SD027 | 28 Oct 2024 | Normal | 1173066 | - | 0.0163 | - | - | 0.0173 | - |
| QLD_0861_PFAS | 0861_SD28_0.3_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0303 | - | - | 0.0307 | - |
| QLD_0861_PFAS | 0861_SD28_0_170601 | SD028 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0117 | - | - | 0.0117 | - |
| QLD_0861_PFAS | 0861_SD028_0.0_190502 | SD028 | 02 May 2019 | Normal | EB1911384 | - | 0.0021 | - | - | 0.0021 | - |
| QLD_0861_PFASOMP | 0861_QC101_200414 | SD028 | 14 Apr 2020 | Field_D | EB2010666-AE | - | 0.0071 | - | - | 0.0071 | - |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1271947 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_QC201_200414 | SD028 | 14 Apr 2020 | Interlab_D | RN1274650 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD028_200414 | SD028 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0062 | - | - | 0.0062 | - |
| QLD_0861_PFASOMP | 0861_SD028_201012 | SD028 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0085 | - | - | 0.0085 | - |
| QLD_0861_PFASOMP | 0861_SD028_210412 | SD028 | 12 Apr 2021 | Normal | EB2111116 | - | 0.122 | - | - | 0.124 | - |
| QLD_0861_PFASOMP | 0861_QC154_211019 | SD028 | 19 Oct 2021 | Field_D | EB2130835 | - | 0.0060 | - | - | 0.0060 | - |
| QLD_0861_PFASOMP | 0861_QC254_211019 | SD028 | 19 Oct 2021 | Interlab_D | RN1333717 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD028_211019 | SD028 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0106 | - | - | 0.0106 | - |
| QLD_0861_PFASOMP | 0861_SD028_220329 | SD028 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0287 | - | - | 0.0287 | - |
| QLD_0861_PFASOMP | 0861_SD028_221018 | SD028 | 21 Oct 2022 | Normal | EB2231197 | - | 0.470 | - | - | 0.506 | - |
| QLD_0861_PFASOMP_23 | 0861_SD028_230509 | SD028 | 09 May 2023 | Normal | EB2314270 | - | 0.0130 | - | - | 0.0130 | - |
| QLD_0861_Stage2_23 | 0861_SD028_230810 | SD028 | 10 Aug 2023 | Normal | 1018693 | - | 0.022 | - | - | <0.05 | - |
| QLD_0861_PFASOMP_23 | 0861_SD028_231025 | SD028 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0218 | - | - | 0.0218 | - |
| QLD_0861_PFASOMP_24 | 0861_QC100_240409 | SD028 | 09 Apr 2024 | Field_D | EB2413950 | - | 0.0150 | - | - | 0.0154 | - |
| QLD_0861_PFASOMP_24 | 0861_QC200_240409 | SD028 | 09 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD028_240409 | SD028 | 09 Apr 2024 | Normal | EB2413910 | - | 0.0158 | - | - | 0.0158 | - |
| QLD_0861_PFASOMP_24a | 0861_QC105_241107 | SD028 | 07 Nov 2024 | Field_D | 1158342 | - | 0.011 | - | - | <0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_SD028_241107 | SD028 | 07 Nov 2024 | Normal | 1173066 | - | 0.0121 | - | - | 0.0124 | - |
| QLD_0861_PFAS | 0861_SD030_0.3_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | - | 0.112 | - | - | 0.113 | - |
| QLD_0861_PFAS | 0861_SD030_0_170913 | SD030 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0617 | - | - | 0.0677 | - |
| QLD_0861_PFAS | 0861_QC102_0.0_190429 | SD030 | 29 Apr 2019 | Field_D | EB1911384 | - | 0.165 | - | - | 0.173 | - |
| QLD_0861_PFAS | 0861_QC202_0.0_190429 | SD030 | 29 Apr 2019 | Interlab_D | 217104 | - | - | - | - | 0.44 | - |
| QLD_0861_PFAS | 0861_SD030_0.0_190429 | SD030 | 29 Apr 2019 | Normal | EB1911384 | - | 0.220 | - | - | 0.237 | - |
| QLD_0861_PFAS | 0861_SD030_0.3_190513 | SD030 | 13 May 2019 | Normal | EB1912390 | - | 0.0495 | - | - | 0.0502 | - |
| QLD_0861_PFASOMP | 0861_SD030_200415 | SD030 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0545 | - | - | 0.0570 | - |
| QLD_0861_PFASOMP | 0861_SD030_201016 | SD030 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0518 | - | - | 0.0576 | - |
| QLD_0861_PFASOMP | 0861_QC138_210330 | SD030 | 30 Mar 2021 | Field_D | EB2108857 | - | 0.163 | - | - | 0.190 | - |
| QLD_0861_PFASOMP | 0861_QC238_210330 | SD030 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD030_210330 | SD030 | 30 Mar 2021 | Normal | EB2108857 | - | 0.123 | - | - | 0.131 | - |
| QLD_0861_PFASOMP | 0861_QC164_211026 | SD030 | 26 Oct 2021 | Field_D | EB2130850 | - | 0.218 | - | - | 0.249 | - |
| QLD_0861_PFASOMP | 0861_QC264_211026 | SD030 | 26 Oct 2021 | Interlab_D | RN1333717 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_SD030_211026 | SD030 | 26 Oct 2021 | Normal | EB2130850 | - | 0.160 | - | - | 0.188 | - |
| QLD_0861_PFASOMP | 0861_SD030_220328 | SD030 | 28 Mar 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD030_221021 | SD030 | 21 Oct 2022 | Normal | EB2231197 | - | 0.355 | - | - | 0.396 | - |
| QLD_0861_PFASOMP_23 | 0861_SD030_230417 | SD030 | 17 Apr 2023 | Normal | EB2312062-AA | - | 0.0103 | - | - | 0.0105 | - |
| QLD_0861_PFASOMP_23 | 0861_SD030_231024 | SD030 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.0415 | - | - | 0.0421 | - |
| QLD_0861_PFASOMP_24 | 0861_SD030_240409 | SD030 | 09 Apr 2024 | Normal | EB2413910 | - | 0.198 | - | - | 0.206 | - |
| QLD_0861_PFASOMP_24a | 0861_SD030_241028 | SD030 | 28 Oct 2024 | Normal | 1173066 | - | 0.0304 | - | - | 0.0342 | - |
| QLD_0861_PFAS | 0861_SD033_0.3_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | - | 0.255 | - | - | 0.261 | - |
| QLD_0861_PFAS | 0861_SD033_0_170914 | SD033 | 14 Sep 2017 | Normal | EB1719065 | - | 0.0525 | - | - | 0.0758 | - |
| QLD_0861_PFAS | 0861_SD033_0.0_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | - | 0.475 | - | - | 0.798 | - |
| QLD_0861_PFAS | 0861_SD033_0.3_190503 | SD033 | 03 May 2019 | Normal | EB1911384 | - | 0.315 | - | - | 0.500 | - |
| QLD_0861_PFASOMP | 0861_SD033_200427 | SD033 | 27 Apr 2020 | Normal | EB2011562 | - | 0.258 | - | - | 0.566 | - |
| QLD_0861_PFASOMP | 0861_SD033_201016 | SD033 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.116 | - | - | 0.137 | - |
| QLD_0861_PFASOMP | 0861_SD033_210415 | SD033 | 15 Apr 2021 | Normal | EB2111116 | - | 1.06 | - | - | 1.17 | - |
| QLD_0861_PFASOMP | 0861_SD033_211026 | SD033 | 26 Oct 2021 | Normal | EB2130850 | - | 0.334 | - | - | 0.364 | - |
| QLD_0861_PFASOMP | 0861_SD033_220405 | SD033 | 05 Apr 2022 | Normal | EB2209950 | - | 0.205 | - | - | 0.232 | - |
| QLD_0861_PFASOMP | 0861_QC194_221025 | SD033 | 25 Oct 2022 | Field_D | EB2231825 | - | 0.144 | - | - | 0.152 | - |
| QLD_0861_PFASOMP | 0861_QC294_221025 | SD033 | 25 Oct 2022 | Interlab_D | RN1371573 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD033_221025 | SD033 | 25 Oct 2022 | Normal | EB2231825 | - | 0.230 | - | - | 0.249 | - |
| QLD_0861_PFASOMP_23 | 0861_SD033_230427 | SD033 | 27 Apr 2023 | Normal | EB2312761-AA | - | 0.618 | - | - | 0.662 | - |
| QLD_0861_PFASOMP_23 | 0861_SD033_231030 | SD033 | 30 Oct 2023 | Normal | EB2333894-AA | - | 0.361 | - | - | 0.385 | - |
| QLD_0861_PFASOMP_24 | 0861_SD033_240409 | SD033 | 09 Apr 2024 | Normal | EB2413910 | - | 0.374 | - | - | 1.14 | - |
| QLD_0861_PFAS | 0861_SD34_0_170601 | SD034 | 01 Jun 2017 | Normal | EB1711387 | - | 0.0831 | - | - | 0.0856 | - |
| QLD_0861_PFAS | 0861_SD034_0.0_190430 | SD034 | 30 Apr 2019 | Normal | EB1911384 | - | 0.0055 | - | - | 0.0061 | - |
| QLD_0861_PFAS | 0861_SD034_191119 | SD034 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0082 | - | - | 0.0082 | - |
| QLD_0861_PFASOMP | 0861_SD034_200414 | SD034 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0018 | - | - | 0.0018 | - |
| QLD_0861_PFASOMP | 0861_SD034_201012 | SD034 | 12 Oct 2020 | Normal | EB2027172 | - | 0.0109 | - | - | 0.0109 | - |
| QLD_0861_PFASOMP | 0861_SD034_210412 | SD034 | 12 Apr 2021 | Normal | EB2111116 | - | 0.0328 | - | - | 0.0328 | - |
| QLD_0861_PFASOMP | 0861_SD034_211019 | SD034 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0054 | - | - | 0.0054 | - |
| QLD_0861_PFASOMP | 0861_SD034_220329 | SD034 | 29 Mar 2022 | Normal | EB2209950 | - | 0.0047 | - | - | 0.0059 | - |
| QLD_0861_PFASOMP | 0861_SD034_221018 | SD034 | 18 Oct 2022 | Normal | EB2231197 | - | 0.0621 | - | - | 0.0621 | - |
| QLD_0861_PFASOMP_23 | 0861_SD034_230428 | SD034 | 28 Apr 2023 | Normal | EB2312761-AA | - | 0.0770 | - | - | 0.0782 | - |
| QLD_0861_PFASOMP_23 | 0861_SD034_231025 | SD034 | 25 Oct 2023 | Normal | EB2333894-AA | - | 0.0035 | - | - | 0.0035 | - |
| QLD_0861_PFASOMP_24 | 0861_SD034_240409 | SD034 | 09 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD034_241106 | SD034 | 06 Nov 2024 | Normal | 1173066 | - | 0.0151 | - | - | 0.0154 | - |
| QLD_0861_PFAS | 0861_SED36_0.3_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | - | 0.0010 | - | - | 0.0010 | - |
| QLD_0861_PFAS | 0861_SED36_0_170530 | SD036 | 30 May 2017 | Normal | ES1713428 | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFAS | 0861_SD036_0_180119 | SD036 | 18 Jan 2018 | Normal | EB1802500 | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFAS | 0861_SD036_0.0_190501 | SD036 | 01 May 2019 | Normal | EB1911384 | - | 0.0041 | - | - | 0.0041 | - |
| QLD_0861_PFASOMP | 0861_SD036_200415 | SD036 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0048 | - | - | 0.0048 | - |
| QLD_0861_PFASOMP | 0861_SD036_201014 | SD036 | 14 Oct 2020 | Normal | EB2027172 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_QC143_210414 | SD036 | 14 Apr 2021 | Field_D | EB2111121 | - | 0.0070 | - | - | 0.0714 | - |
| QLD_0861_PFASOMP | 0861_QC243_210414 | SD036 | 14 Apr 2021 | Interlab_D | RN1313031 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD036_210414 | SD036 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0046 | - | - | 0.0046 | - |
| QLD_0861_PFASOMP | 0861_QC156_211020 | SD036 | 20 Oct 2021 | Field_D | EB2130835 | - | 0.0043 | - | - | 0.0043 | - |
| QLD_0861_PFASOMP | 0861_QC256_211020 | SD036 | 20 Oct 2021 | Interlab_D | RN1333717 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD036_211020 | SD036 | 20 Oct 2021 | Normal | EB2130835 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD036_220401 | SD036 | 01 Apr 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD036_221019 | SD036 | 19 Oct 2022 | Normal | EB2231197 | - | 0.0102 | - | - | 0.0111 | - |
| QLD_0861_PFASOMP_23 | 0861_SD036_230522 | SD036 | 22 May 2023 | Normal | EB2315514 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD036_231024 | SD036 | 24 Oct 2023 | Normal | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD036_240411 | SD036 | 11 Apr 2024 | Normal | EB2413910 | - | 0.0060 | - | - | 0.0060 | - |
| QLD_0861_PFASOMP_24a | 0861_SD036_241108 | SD036 | 08 Nov 2024 | Normal | 1173066 | - | 0.0023 | - | - | 0.0023 | - |
| QLD_0861_PFAS | 0861_SD037_0_170913 | SD037 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0814 | - | - | 0.0850 | - |
| QLD_0861_PFAS | 0861_QC102_0.0_190501 | SD037 | 01 May 2019 | Field_D | EB1911384 | - | 0.0358 | - | - | 0.0358 | - |
| QLD_0861_PFAS | 0861_QC202_0.0_190501 | SD037 | 01 May 2019 | Interlab_D | 217104 | - | - | - | - | 0.079 | - |
| QLD_0861_PFAS | 0861_SD037_0.0_190501 | SD037 | 01 May 2019 | Normal | EB1911384 | - | 0.388 | - | - | 0.395 | - |
| QLD_0861_PFAS | 0861_SD037_0.0_191119 | SD037 | 19 Nov 2019 | Normal | EB1931427 | - | 0.510 | - | - | 0.554 | - |
| QLD_0861_PFASOMP | 0861_SD037_200415 | SD037 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0460 | - | - | 0.0468 | - |
| QLD_0861_PFASOMP | 0861_SD037_201014 | SD037 | 14 Oct 2020 | Normal | EB2027172 | - | 1.51 | - | - | 1.57 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorooctadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_QC140_210330 | SD037 | 30 Mar 2021 | Field_D | EB2108857 | - | 0.0918 | - | - | 0.0984 | - |
| QLD_0861_PFASOMP | 0861_QC240_210330 | SD037 | 30 Mar 2021 | Interlab_D | RN1310437 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD037_210330 | SD037 | 30 Mar 2021 | Normal | EB2108857 | - | 0.104 | - | - | 0.112 | - |
| QLD_0861_PFASOMP | 0861_SD037_211026 | SD037 | 26 Oct 2021 | Normal | EB2130850 | - | 0.0409 | - | - | 0.0434 | - |
| QLD_0861_PFASOMP | 0861_SD037_220330 | SD037 | 30 Mar 2022 | Normal | EB2209950 | - | 0.157 | - | - | 0.158 | - |
| QLD_0861_PFASOMP | 0861_SD037_221021 | SD037 | 21 Oct 2022 | Normal | EB2231197 | - | 0.213 | - | - | 0.223 | - |
| QLD_0861_PFASOMP_23 | 0861_SD037_230418 | SD037 | 18 Apr 2023 | Normal | EB2312062-AA | - | 0.202 | - | - | 0.216 | - |
| QLD_0861_PFASOMP_23 | 0861_SD037_231027 | SD037 | 27 Oct 2023 | Normal | EB2333894-AA | - | 1.37 | - | - | 1.43 | - |
| QLD_0861_PFASOMP_24 | 0861_SD037_240410 | SD037 | 10 Apr 2024 | Normal | EB2413910 | - | 0.351 | - | - | 0.363 | - |
| QLD_0861_PFASOMP_24a | 0861_SD037_241031 | SD037 | 31 Oct 2024 | Normal | 1173066 | - | 0.9533 | - | - | 1.0032 | - |
| QLD_0861_PFASOMP | 0861_SD038_200414 | SD038 | 14 Apr 2020 | Normal | EB2010666-AE | - | 0.0278 | - | - | 0.0278 | - |
| QLD_0861_PFASOMP | 0861_SD038_201016 | SD038 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP | 0861_SD038_210330 | SD038 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0010 | - | - | 0.0010 | - |
| QLD_0861_PFASOMP | 0861_SD038_211025 | SD038 | 25 Oct 2021 | Normal | EB2130835 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD038_220330 | SD038 | 30 Mar 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD038_221024 | SD038 | 24 Oct 2022 | Normal | EB2231825 | - | 0.0266 | - | - | 0.0302 | - |
| QLD_0861_PFASOMP_23 | 0861_SD038_230420 | SD038 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.0008 | - | - | 0.0008 | - |
| QLD_0861_PFASOMP_23 | 0861_SD038_231129 | SD038 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.0019 | - | - | 0.0019 | - |
| QLD_0861_PFASOMP_24 | 0861_SD038_240418 | SD038 | 18 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD038_241106 | SD038 | 06 Nov 2024 | Normal | 1173066 | - | 0.0384 | - | - | 0.0494 | - |
| QLD_0861_PFAS | 0861_SED39_0.3_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | - | 0.0008 | - | - | 0.0029 | - |
| QLD_0861_PFAS | 0861_SED39_0_170530 | SD039 | 30 May 2017 | Normal | ES1713428 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD039_0.0_191120 | SD039 | 20 Nov 2019 | Normal | EB1931427 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD039_200415 | SD039 | 15 Apr 2020 | Normal | EB2010666-AF | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC126_201014 | SD039 | 14 Oct 2020 | Field_D | EB2027176-AB | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC226_201014 | SD039 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD039_201014 | SD039 | 14 Oct 2020 | Normal | EB2027208-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD039_210330 | SD039 | 30 Mar 2021 | Normal | EB2108857 | - | 0.0020 | - | - | 0.0020 | - |
| QLD_0861_PFASOMP | 0861_QC160_211022 | SD039 | 22 Oct 2021 | Field_D | EB2130835 | - | 0.0019 | - | - | 0.0019 | - |
| QLD_0861_PFASOMP | 0861_QC260_211022 | SD039 | 22 Oct 2021 | Interlab_D | RN1333717 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD039_211022 | SD039 | 22 Oct 2021 | Normal | EB2130815 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD039_220328 | SD039 | 28 Mar 2022 | Normal | EB2209946 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD039_221020 | SD039 | 20 Oct 2022 | Normal | EB2231202 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD039_230426 | SD039 | 26 Apr 2023 | Normal | EB2312761-AB | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD039_231026 | SD039 | 26 Oct 2023 | Normal | EB2333898 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD039_240412 | SD039 | 12 Apr 2024 | Normal | EB2413946 | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP_24a | 0861_SD039_241112 | SD039 | 12 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD40_0_170602 | SD040 | 02 Jun 2017 | Normal | EB1711373 | - | <0.0002 | - | - | 0.0003 | - |
| QLD_0861_PFAS | 0861_SD040_0.0_190506 | SD040 | 06 May 2019 | Normal | EB1911952 | - | 0.0027 | - | - | 0.0027 | - |
| QLD_0861_PFAS | 0861_SD040_0.0_191120 | SD040 | 20 Nov 2019 | Normal | EB1931427 | - | 0.0009 | - | - | 0.0009 | - |
| QLD_0861_PFASOMP | 0861_SD040_200415 | SD040 | 15 Apr 2020 | Normal | EB2010666-AF | - | 0.0051 | - | - | 0.0051 | - |
| QLD_0861_PFASOMP | 0861_SD040_201015 | SD040 | 15 Oct 2020 | Normal | EB2027208-AA | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFASOMP | 0861_SD040_210415 | SD040 | 15 Apr 2021 | Normal | EB2111112 | - | 0.0009 | - | - | 0.0009 | - |
| QLD_0861_PFASOMP | 0861_SD040_211019 | SD040 | 19 Oct 2021 | Normal | EB2130815 | - | 0.0039 | - | - | 0.0039 | - |
| QLD_0861_PFASOMP | 0861_SD040_220328 | SD040 | 28 Mar 2022 | Normal | EB2209946 | - | 0.0018 | - | - | 0.0018 | - |
| QLD_0861_PFASOMP | 0861_SD040_221020 | SD040 | 20 Oct 2022 | Normal | EB2231202 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD040_230418 | SD040 | 18 Apr 2023 | Normal | EB2312057 | - | 0.0035 | - | - | 0.0035 | - |
| QLD_0861_PFASOMP_23 | 0861_SD040_231026 | SD040 | 26 Oct 2023 | Normal | EB2333898 | - | 0.0134 | - | - | 0.0134 | - |
| QLD_0861_PFASOMP_24 | 0861_SD040_240412 | SD040 | 12 Apr 2024 | Normal | EB2413946 | - | 0.0021 | - | - | 0.0021 | - |
| QLD_0861_PFAS | 0861_SD041_0_171020 | SD041 | 17 Oct 2017 | Normal | EB1721894 | - | 0.106 | - | - | 0.108 | - |
| QLD_0861_PFAS | 0861_QC101_190508 | SD041 | 08 May 2019 | Field_D | EB1911952 | - | 0.897 | - | - | 0.955 | - |
| QLD_0861_PFAS | 0861_QC201_190508 | SD041 | 08 May 2019 | Interlab_D | 217521 | - | - | - | - | 1.1 | - |
| QLD_0861_PFAS | 0861_SD041_0.0_190508 | SD041 | 08 May 2019 | Normal | EB1911952 | - | 0.495 | - | - | 0.526 | - |
| QLD_0861_PFAS | 0861_SD041_191119 | SD041 | 19 Nov 2019 | Normal | EB1931427 | - | 0.531 | - | - | 0.573 | - |
| QLD_0861_PFASOMP | 0861_SD041_200415 | SD041 | 15 Apr 2020 | Normal | EB2010666-AE | - | 1.64 | - | - | 1.74 | - |
| QLD_0861_PFASOMP | 0861_SD041_201015 | SD041 | 15 Oct 2020 | Normal | EB2027172 | - | 1.60 | - | - | 1.70 | - |
| QLD_0861_PFASOMP | 0861_SD041_210330 | SD041 | 30 Mar 2021 | Normal | EB2108857 | - | 0.749 | - | - | 0.812 | - |
| QLD_0861_PFASOMP | 0861_SD041_211026 | SD041 | 26 Oct 2021 | Normal | EB2130850 | - | 0.198 | - | - | 0.206 | - |
| QLD_0861_PFASOMP | 0861_SD041_220328 | SD041 | 28 Mar 2022 | Normal | EB2209950 | - | 0.0012 | - | - | 0.0012 | - |
| QLD_0861_PFASOMP | 0861_QC188_221020 | SD041 | 20 Oct 2022 | Field_D | EB2231197 | - | 0.268 | - | - | 0.286 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorooctadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_QC288_221020 | SD041 | 20 Oct 2022 | Interlab_D | RN1370747 | <0.005 | - | <0.005 | <0.005 | - | <0.005 |
| QLD_0861_PFASOMP | 0861_SD041_221020 | SD041 | 20 Oct 2022 | Normal | EB2231197 | - | 0.378 | - | - | 0.406 | - |
| QLD_0861_PFASOMP_23 | 0861_SD041_230418 | SD041 | 18 Apr 2023 | Normal | EB2312062-AA | - | 1.84 | - | - | 1.92 | - |
| QLD_0861_PFASOMP_23 | 0861_SD041_231024 | SD041 | 24 Oct 2023 | Normal | EB2333894-AA | - | 1.87 | - | - | 1.98 | - |
| QLD_0861_PFASOMP_24 | 0861_SD041_240412 | SD041 | 12 Apr 2024 | Normal | EB2413910 | - | 0.235 | - | - | 0.244 | - |
| QLD_0861_PFASOMP_24a | 0861_SD041_241105 | SD041 | 05 Nov 2024 | Normal | 1173066 | - | 1.2183 | - | - | 1.2872 | - |
| QLD_0861_PFAS | 0861_SD43_0.3_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFAS | 0861_SD43_0_170605 | SD043 | 05 Jun 2017 | Normal | EB1711471 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD043_0.0_191120 | SD043 | 19 Nov 2019 | Normal | EB1931427 | - | 0.0003 | - | - | 0.0003 | - |
| QLD_0861_PFASOMP | 0861_SD043_200428 | SD043 | 28 Apr 2020 | Normal | EB2011568 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD043_201015 | SD043 | 15 Oct 2020 | Normal | EB2027208-AA | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD043_210415 | SD043 | 15 Apr 2021 | Normal | EB2111112 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD043_211022 | SD043 | 22 Oct 2021 | Normal | EB2130815 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD043_220404 | SD043 | 04 Apr 2022 | Normal | EB2209946 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD043_221020 | SD043 | 20 Oct 2022 | Normal | EB2231202 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD043_230419 | SD043 | 19 Apr 2023 | Normal | EB2312057 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD043_231026 | SD043 | 26 Oct 2023 | Normal | EB2333898 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD043_240411 | SD043 | 11 Apr 2024 | Normal | EB2413946 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD043_241112 | SD043 | 12 Nov 2024 | Normal | 1173066 | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFAS | 0861_SD45_0_170602 | SD045 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0028 | - | - | 0.0028 | - |
| QLD_0861_PFAS | 0861_SD045_0.0_190506 | SD045 | 06 May 2019 | Normal | EB1911952 | - | 0.0037 | - | - | 0.0037 | - |
| QLD_0861_PFAS | 0861_QC104_191120 | SD045 | 20 Nov 2019 | Field_D | EB1931427 | - | 0.0016 | - | - | 0.0016 | - |
| QLD_0861_PFAS | 0861_QC204_1_191120 | SD045 | 20 Nov 2019 | Interlab_D | 231783 | - | - | - | - | 0.0049 | - |
| QLD_0861_PFAS | 0861_SD045_0.0_191120 | SD045 | 20 Nov 2019 | Normal | EB1931427 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD045_200415 | SD045 | 15 Apr 2020 | Normal | EB2010666-AF | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD045_201015 | SD045 | 15 Oct 2020 | Normal | EB2027208-AA | - | 0.0027 | - | - | 0.0027 | - |
| QLD_0861_PFASOMP | 0861_SD045_210415 | SD045 | 15 Apr 2021 | Normal | EB2111112 | - | 0.0034 | - | - | 0.0034 | - |
| QLD_0861_PFASOMP | 0861_SD045_211019 | SD045 | 19 Oct 2021 | Normal | EB2130815 | - | 0.0034 | - | - | 0.0034 | - |
| QLD_0861_PFASOMP | 0861_SD045_220329 | SD045 | 29 Mar 2022 | Normal | EB2209946 | - | 0.0026 | - | - | 0.0026 | - |
| QLD_0861_PFASOMP | 0861_SD045_221020 | SD045 | 20 Oct 2022 | Normal | EB2231202 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD045_230418 | SD045 | 18 Apr 2023 | Normal | EB2312057 | - | 0.0084 | - | - | 0.0100 | - |
| QLD_0861_PFASOMP_23 | 0861_SD045_231026 | SD045 | 26 Oct 2023 | Normal | EB2333898 | - | 0.0094 | - | - | 0.0094 | - |
| QLD_0861_PFASOMP_24 | 0861_QC104_240412 | SD045 | 12 Apr 2024 | Field_D | EB2413950 | - | 0.0041 | - | - | 0.0041 | - |
| QLD_0861_PFASOMP_24 | 0861_QC204_240412 | SD045 | 12 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD045_240412 | SD045 | 12 Apr 2024 | Normal | EB2413946 | - | 0.0045 | - | - | 0.0045 | - |
| QLD_0861_PFASOMP_24a | 0861_SD045_241112 | SD045 | 12 Nov 2024 | Normal | 1173066 | - | 0.0044 | - | - | 0.0045 | - |
| QLD_0861_PFAS | 0861_SD47_0.3_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0062 | - | - | 0.0062 | - |
| QLD_0861_PFAS | 0861_SD47_0_170602 | SD047 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0066 | - | - | 0.0066 | - |
| QLD_0861_PFAS | 0861_SD047_0.0_190501 | SD047 | 01 May 2019 | Normal | EB1911384 | - | 0.0448 | - | - | 0.0454 | - |
| QLD_0861_PFAS | 0861_SD047_191121 | SD047 | 21 Nov 2019 | Normal | EB1931427 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD047_200422 | SD047 | 22 Apr 2020 | Normal | EB2011246-AC | - | 0.0134 | - | - | 0.0134 | - |
| QLD_0861_PFASOMP | 0861_SD047_201013 | SD047 | 13 Oct 2020 | Normal | EB2027172 | - | 0.0086 | - | - | 0.0086 | - |
| QLD_0861_PFASOMP | 0861_SD047_210414 | SD047 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0034 | - | - | 0.0034 | - |
| QLD_0861_PFASOMP | 0861_SD047_211020 | SD047 | 20 Oct 2021 | Normal | EB2130835 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD047_220331 | SD047 | 31 Mar 2022 | Normal | EB2209950 | - | 0.0080 | - | - | 0.0114 | - |
| QLD_0861_PFASOMP | 0861_SD047_221019 | SD047 | 19 Oct 2022 | Normal | EB2231197 | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFASOMP_23 | 0861_SD047_230522 | SD047 | 22 May 2023 | Normal | EB2315514 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0681_QC106_231023 | SD047 | 23 Oct 2023 | Field_D | EB2333894-AA | - | 0.0014 | - | - | 0.0014 | - |
| QLD_0861_PFASOMP_23 | 0861_QC206_231023 | SD047 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD047_231023 | SD047 | 23 Oct 2023 | Normal | EB2333894-AA | - | 0.0018 | - | - | 0.0018 | - |
| QLD_0861_PFASOMP_24 | 0861_SD047_240411 | SD047 | 11 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD047_241118 | SD047 | 18 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD049_0.1_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | - | 0.0802 | - | - | 0.0828 | - |
| QLD_0861_PFAS | 0861_SD049_0.4_170914 | SD049 | 14 Sep 2017 | Normal | EB1719065 | - | 0.0314 | - | - | 0.0323 | - |
| QLD_0861_PFAS | 0861_SD049_0.0_190510 | SD049 | 10 May 2019 | Normal | EB1911952 | - | 0.104 | - | - | 0.106 | - |
| QLD_0861_PFASOMP | 0861_QC109_200420 | SD049 | 20 Apr 2020 | Field_D | EB2011246-AC | - | 0.0258 | - | - | 0.0258 | - |
| QLD_0861_PFASOMP | 0861_QC209_200420 | SD049 | 20 Apr 2020 | Interlab_D | RN1274652 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2011246-AC | - | 0.0453 | - | - | 0.0463 | - |
| QLD_0861_PFASOMP | 0861_SD049_200420 | SD049 | 20 Apr 2020 | Normal | EB2012139 | - | 0.0353 | - | - | 0.0353 | - |
| QLD_0861_PFASOMP | 0861_SD049_201013 | SD049 | 13 Oct 2020 | Normal | EB2027172 | - | 0.111 | - | - | 0.114 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_SD049_210413 | SD049 | 13 Apr 2021 | Normal | EB2111116 | - | 0.0432 | - | - | 0.0436 | - |
| QLD_0861_PFASOMP | 0861_SD049_211020 | SD049 | 20 Oct 2021 | Normal | EB2130835 | - | 0.130 | - | - | 0.130 | - |
| QLD_0861_PFASOMP | 0861_QC173_220331 | SD049 | 31 Mar 2022 | Field_D | EB2209942 | - | 0.0003 | - | - | 0.0003 | - |
| QLD_0861_PFASOMP | 0861_QC273_220331 | SD049 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD049_220331 | SD049 | 31 Mar 2022 | Normal | EB2209950 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC186_221019 | SD049 | 19 Oct 2022 | Field_D | EB2231197 | - | 0.0138 | - | - | 0.0138 | - |
| QLD_0861_PFASOMP | 0861_QC286_221019 | SD049 | 19 Oct 2022 | Interlab_D | RN1370747 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD049_221019 | SD049 | 19 Oct 2022 | Normal | EB2231197 | - | 0.0108 | - | - | 0.0108 | - |
| QLD_0861_PFASOMP_23 | 0861_SD049_230426 | SD049 | 26 Apr 2023 | Normal | EB2312761-AA | - | 0.0652 | - | - | 0.0659 | - |
| QLD_0861_PFASOMP_24 | 0861_QC102_240410 | SD049 | 10 Apr 2024 | Field_D | EB2413950 | - | 0.0983 | - | - | 0.0983 | - |
| QLD_0861_PFASOMP_24 | 0861_QC202_240410 | SD049 | 10 Apr 2024 | Interlab_D | RN1427801 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_24 | 0861_SD049_240410 | SD049 | 10 Apr 2024 | Normal | EB2413910 | - | 0.0874 | - | - | 0.0874 | - |
| QLD_0861_PFASOMP_24a | 0861_SD049_241101 | SD049 | 01 Nov 2024 | Normal | 1173066 | - | 0.0232 | - | - | 0.0239 | - |
| QLD_0861_PFAS | 0861_SED50_0.3_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | - | 0.0017 | - | - | 0.0017 | - |
| QLD_0861_PFAS | 0861_SED50_0_170530 | SD050 | 30 May 2017 | Normal | ES1713428 | - | 0.0003 | - | - | 0.0003 | - |
| QLD_0861_PFAS | 0861_SD050_0.0_190501 | SD050 | 01 May 2019 | Normal | EB1911384 | - | 0.0052 | - | - | 0.0052 | - |
| QLD_0861_PFAS | 0861_SD050_0.0_191118 | SD050 | 18 Nov 2019 | Normal | EB1931427 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD050_200415 | SD050 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0567 | - | - | 0.0595 | - |
| QLD_0861_PFASOMP | 0861_SD050_201014 | SD050 | 14 Oct 2020 | Normal | EB2027172 | - | 0.0347 | - | - | 0.0394 | - |
| QLD_0861_PFASOMP | 0861_SD050_210414 | SD050 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0094 | - | - | 0.0094 | - |
| QLD_0861_PFASOMP | 0861_SD050_211019 | SD050 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0040 | - | - | 0.0046 | - |
| QLD_0861_PFASOMP | 0861_SD050_220401 | SD050 | 01 Apr 2022 | Normal | EB2209950 | - | 0.0017 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP_23 | 0861_SD050_230511 | SD050 | 11 May 2023 | Normal | EB2314270 | - | 0.0199 | - | - | 0.0215 | - |
| QLD_0861_PFASOMP_23 | 0861_SD050_231024 | SD050 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.0094 | - | - | 0.0097 | - |
| QLD_0861_PFASOMP_24 | 0861_SD050_240411 | SD050 | 11 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD050_241104 | SD050 | 04 Nov 2024 | Normal | 1173066 | - | 0.0208 | - | - | 0.0231 | - |
| QLD_0861_PFAS | 0861_SD51_0_170602 | SD051 | 02 Jun 2017 | Normal | EB1711373 | - | 0.0050 | - | - | 0.0222 | - |
| QLD_0861_PFAS | 0861_SD051_0.0_190501 | SD051 | 01 May 2019 | Normal | EB1911384 | - | 0.0357 | - | - | 0.0367 | - |
| QLD_0861_PFAS | 0861_SD051_0.0_191118 | SD051 | 18 Nov 2019 | Normal | EB1931427 | - | 0.0118 | - | - | 0.0129 | - |
| QLD_0861_PFASOMP | 0861_SD051_200415 | SD051 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD051_201014 | SD051 | 14 Oct 2020 | Normal | EB2027172 | - | 0.0089 | - | - | 0.0089 | - |
| QLD_0861_PFASOMP | 0861_SD051_210413 | SD051 | 13 Apr 2021 | Normal | EB2111116 | - | 0.0405 | - | - | 0.0448 | - |
| QLD_0861_PFASOMP | 0861_SD051_211019 | SD051 | 19 Oct 2021 | Normal | EB2130835 | - | 0.0108 | - | - | 0.0108 | - |
| QLD_0861_PFASOMP | 0861_SD051_220401 | SD051 | 01 Apr 2022 | Normal | EB2209950 | - | 0.0004 | - | - | 0.0004 | - |
| QLD_0861_PFASOMP | 0861_SD051_221020 | SD051 | 20 Oct 2022 | Normal | EB2231197 | - | 0.0146 | - | - | 0.0161 | - |
| QLD_0861_PFASOMP_23 | 0861_SD051_230419 | SD051 | 19 Apr 2023 | Normal | EB2312062-AA | - | 0.0047 | - | - | 0.0060 | - |
| QLD_0861_PFASOMP_23 | 0861_SD051_231024 | SD051 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.0015 | - | - | 0.0015 | - |
| QLD_0861_PFASOMP_24 | 0861_SD051_240411 | SD051 | 11 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD051_241104 | SD051 | 04 Nov 2024 | Normal | 1173066 | - | 0.0065 | - | - | 0.0065 | - |
| QLD_0861_PFAS | 0861_QC01_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFAS | 0861_QC02_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_QC03_SED_170530 | SD052 | 30 May 2017 | Field_D | ES1713428 | - | 0.0012 | - | - | 0.0016 | - |
| QLD_0861_PFAS | 0861_QC04_SED_170530 | SD052 | 30 May 2017 | Interlab_D | 168440 | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_SED52_0.3_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | - | 0.0007 | - | - | 0.0022 | - |
| QLD_0861_PFAS | 0861_SED52_0_170530 | SD052 | 30 May 2017 | Normal | ES1713428 | - | <0.0002 | - | - | 0.0010 | - |
| QLD_0861_PFAS | 0861_SD052_0.0_190510 | SD052 | 10 May 2019 | Normal | EB1911952 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD052_191121 | SD052 | 21 Nov 2019 | Normal | EB1931427 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD052_200420 | SD052 | 20 Apr 2020 | Normal | EB2011246-AC | - | 0.0011 | - | - | 0.0011 | - |
| QLD_0861_PFASOMP | 0861_SD052_201013 | SD052 | 13 Oct 2020 | Normal | EB2027172 | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP | 0861_SD052_210413 | SD052 | 13 Apr 2021 | Normal | EB2111116 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD052_211020 | SD052 | 20 Oct 2021 | Normal | EB2130835 | - | <0.0012 | - | - | <0.0012 | - |
| QLD_0861_PFASOMP | 0861_SD052_220331 | SD052 | 31 Mar 2022 | Normal | EB2209950 | - | 0.0005 | - | - | 0.0013 | - |
| QLD_0861_PFASOMP | 0861_SD052_221019 | SD052 | 19 Oct 2022 | Normal | EB2231197 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD052_230426 | SD052 | 26 Apr 2023 | Normal | EB2312761-AA | - | 0.0020 | - | - | 0.0020 | - |
| QLD_0861_PFASOMP_23 | 0681_QC104_231023 | SD052 | 23 Oct 2023 | Field_D | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_QC204_231023 | SD052 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD052_231023 | SD052 | 23 Oct 2023 | Normal | EB2333894-AA | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP_24 | 0861_SD052_240410 | SD052 | 10 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241118 | SD052 | 18 Nov 2024 | Field_D | 1161658 | - | <0.01 | - | - | <0.05 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241118 | SD052 | 18 Nov 2024 | Interlab_D | 366901 | - | - | - | - | <0.0001 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD052_241118 | SD052 | 18 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | 0.0008 | - |
| QLD_0861_PFAS | 0861_SD053_0.55_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | - | 0.0063 | - | - | 0.0063 | - |
| QLD_0861_PFAS | 0861_SD053_0_171020 | SD053 | 17 Oct 2017 | Normal | EB1721894 | - | 0.0456 | - | - | 0.0471 | - |
| QLD_0861_PFAS | SD053_191203 | SD053 | 03 Dec 2019 | Normal | EB1932627 | - | 0.0020 | - | - | 0.0020 | - |
| QLD_0861_PFASOMP | 0861_SD053_200421 | SD053 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD053_201021 | SD053 | 21 Oct 2020 | Normal | EB2027539 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD053_210419 | SD053 | 19 Apr 2021 | Normal | EB2111116 | - | 0.0089 | - | - | 0.0089 | - |
| QLD_0861_PFASOMP | 0861_SD053_211025 | SD053 | 25 Oct 2021 | Normal | EB2130835 | - | 0.0357 | - | - | 0.0357 | - |
| QLD_0861_PFASOMP | 0861_SD053_220406 | SD053 | 06 Apr 2022 | Normal | EB2209951 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD053_221024 | SD053 | 24 Oct 2022 | Normal | EB2231825 | - | 0.0108 | - | - | 0.0111 | - |
| QLD_0861_PFASOMP_23 | 0861_SD053_230420 | SD053 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.0248 | - | - | 0.0262 | - |
| QLD_0861_PFASOMP_23 | 0861_SD053_231129 | SD053 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.0160 | - | - | 0.0165 | - |
| QLD_0861_PFASOMP_24 | 0861_SD053_240418 | SD053 | 18 Apr 2024 | Normal | EB2413910 | - | 0.0045 | - | - | 0.0050 | - |
| QLD_0861_PFASOMP_24a | 0861_SD053_241105 | SD053 | 05 Nov 2024 | Normal | 1173066 | - | 0.0502 | - | - | 0.0562 | - |
| QLD_0861_PFAS | 0861_QC102_170913 | SD056 | 13 Sep 2017 | Field_D | EB1719017 | - | 0.377 | - | - | 0.407 | - |
| QLD_0861_PFAS | 0861_QC202_170915 | SD056 | 13 Sep 2017 | Interlab_D | 175963 | - | - | - | - | - | - |
| QLD_0861_PFAS | 0861_SD056_0.4_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | - | 1.14 | - | - | 1.15 | - |
| QLD_0861_PFAS | 0861_SD056_0_170913 | SD056 | 13 Sep 2017 | Normal | EB1719017 | - | 0.380 | - | - | 0.386 | - |
| QLD_0861_PFAS | 0861_SD056_0.0_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | - | 0.396 | - | - | 0.412 | - |
| QLD_0861_PFAS | 0861_SD056_0.3_190501 | SD056 | 01 May 2019 | Normal | EB1911384 | - | 0.343 | - | - | 0.353 | - |
| QLD_0861_PFAS | 0861_QC102_191118 | SD056 | 18 Nov 2019 | Field_D | EB1931427 | - | 0.0341 | - | - | 0.0356 | - |
| QLD_0861_PFAS | 0861_QC201_191118 | SD056 | 18 Nov 2019 | Interlab_D | 231783 | - | - | - | - | 0.1 | - |
| QLD_0861_PFAS | 0861_SD056_0.0_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | - | 0.0391 | - | - | 0.0404 | - |
| QLD_0861_PFAS | 0861_SD056_0.3_191118 | SD056 | 18 Nov 2019 | Normal | EB1931427 | - | 0.0372 | - | - | 0.0388 | - |
| QLD_0861_PFASOMP | 0861_QC105_200415 | SD056 | 15 Apr 2020 | Field_D | EB2010666-AE | - | 0.122 | - | - | 0.127 | - |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1271947 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_QC205_200415 | SD056 | 15 Apr 2020 | Interlab_D | RN1274650 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD056_200415 | SD056 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0900 | - | - | 0.0920 | - |
| QLD_0861_PFASOMP | 0861_SD056_201019 | SD056 | 19 Oct 2020 | Normal | EB2027539 | - | 0.148 | - | - | 0.167 | - |
| QLD_0861_PFASOMP | 0861_SD056_210330 | SD056 | 30 Mar 2021 | Normal | EB2108857 | - | 0.661 | - | - | 0.680 | - |
| QLD_0861_PFASOMP | 0861_SD056_211026 | SD056 | 26 Oct 2021 | Normal | EB2130850 | - | 0.642 | - | - | 0.649 | - |
| QLD_0861_PFASOMP | 0861_SD056_220328 | SD056 | 28 Mar 2022 | Normal | EB2209950 | - | 1.96 | - | - | 2.04 | - |
| QLD_0861_PFASOMP | 0861_QC190_221021 | SD056 | 21 Oct 2022 | Field_D | EB2231197 | - | 0.954 | - | - | 1.00 | - |
| QLD_0861_PFASOMP | 0861_QC290_221021 | SD056 | 21 Oct 2022 | Interlab_D | RN1370747 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD056_221021 | SD056 | 21 Oct 2022 | Normal | EB2231197 | - | 0.882 | - | - | 0.920 | - |
| QLD_0861_PFASOMP_23 | 0861_SD056_230418 | SD056 | 18 Apr 2023 | Normal | EB2312062-AA | - | 0.198 | - | - | 0.221 | - |
| QLD_0861_PFASOMP_23 | 0861_SD056_231024 | SD056 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.478 | - | - | 0.498 | - |
| QLD_0861_PFASOMP_24 | 0861_SD056_240409 | SD056 | 09 Apr 2024 | Normal | EB2413910 | - | 0.435 | - | - | 0.435 | - |
| QLD_0861_PFASOMP_24a | 0861_SD056_241028 | SD056 | 28 Oct 2024 | Normal | 1173066 | - | 0.2405 | - | - | 0.2579 | - |
| QLD_0861_PFAS | 0861_SD059_0.3_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0023 | - | - | 0.0023 | - |
| QLD_0861_PFAS | 0861_SD059_0_170913 | SD059 | 13 Sep 2017 | Normal | EB1719017 | - | 0.0094 | - | - | 0.0094 | - |
| QLD_0861_PFAS | 0861_SD059_0.0_190429 | SD059 | 29 Apr 2019 | Normal | EB1911384 | - | 0.0880 | - | - | 0.0902 | - |
| QLD_0861_PFASOMP | 0861_SD059_200415 | SD059 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0524 | - | - | 0.0537 | - |
| QLD_0861_PFASOMP | 0861_SD059_201016 | SD059 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.179 | - | - | 0.192 | - |
| QLD_0861_PFASOMP | 0861_SD059_210330 | SD059 | 30 Mar 2021 | Normal | EB2108857 | - | 0.283 | - | - | 0.294 | - |
| QLD_0861_PFASOMP | 0861_SD059_211026 | SD059 | 26 Oct 2021 | Normal | EB2130850 | - | 0.133 | - | - | 0.147 | - |
| QLD_0861_PFASOMP | 0861_SD059_220328 | SD059 | 28 Mar 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD059_221021 | SD059 | 21 Oct 2022 | Normal | EB2231197 | - | 1.14 | - | - | 1.22 | - |
| QLD_0861_PFASOMP_23 | 0861_QC107_230417 | SD059 | 17 Apr 2023 | Field_D | EB2312062-AA | - | 0.0450 | - | - | 0.0474 | - |
| QLD_0861_PFASOMP_23 | 0861_QC207_230417 | SD059 | 17 Apr 2023 | Interlab_D | RN1393124 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD059_230417 | SD059 | 17 Apr 2023 | Normal | EB2312062-AA | - | 0.0126 | - | - | 0.0128 | - |
| QLD_0861_PFASOMP_23 | 0861_SD059_231027 | SD059 | 27 Oct 2023 | Normal | EB2333894-AA | - | 0.436 | - | - | 0.464 | - |
| QLD_0861_PFASOMP_24 | 0861_SD059_240409 | SD059 | 09 Apr 2024 | Normal | EB2413910 | - | 0.650 | - | - | 0.676 | - |
| QLD_0861_PFASOMP_24a | 0861_SD059_241031 | SD059 | 31 Oct 2024 | Normal | 1173066 | - | 0.1758 | - | - | 0.2236 | - |
| QLD_0861_PFAS | 0861_SD064_0.2_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | - | 0.128 | - | - | 0.131 | - |
| QLD_0861_PFAS | 0861_SD064_0_171019 | SD064 | 19 Oct 2017 | Normal | EB1721835 | - | 0.0466 | - | - | 0.0488 | - |
| QLD_0861_PFAS | 0861_SD64_0.0_190513 | SD064 | 13 May 2019 | Normal | EB1912390 | - | 0.0846 | - | - | 0.0864 | - |
| QLD_0861_PFASOMP | 0861_SD064_200421 | SD064 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.0333 | - | - | 0.0333 | - |
| QLD_0861_PFASOMP | 0861_SD064_201021 | SD064 | 21 Oct 2020 | Normal | EB2027539 | - | 0.0564 | - | - | 0.0613 | - |
| QLD_0861_PFASOMP | 0861_SD064_210419 | SD064 | 19 Apr 2021 | Normal | EB2111116 | - | 0.113 | - | - | 0.113 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP | 0861_SD064_211025 | SD064 | 25 Oct 2021 | Normal | EB2130835 | - | 0.109 | - | - | 0.113 | - |
| QLD_0861_PFASOMP | 0861_SD064_220406 | SD064 | 06 Apr 2022 | Normal | EB2209951 | - | 0.0865 | - | - | 0.0892 | - |
| QLD_0861_PFASOMP | 0861_SD064_221024 | SD064 | 24 Oct 2022 | Normal | EB2231825 | - | 0.317 | - | - | 0.327 | - |
| QLD_0861_PFASOMP_23 | 0861_SD064_230420 | SD064 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.211 | - | - | 0.219 | - |
| QLD_0861_PFASOMP_23 | 0861_SD064_231129 | SD064 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.236 | - | - | 0.241 | - |
| QLD_0861_PFASOMP_24 | 0861_SD064_240418 | SD064 | 18 Apr 2024 | Normal | EB2413910 | - | 0.140 | - | - | 0.145 | - |
| QLD_0861_PFASOMP_24a | 0861_SD064_241105 | SD064 | 05 Nov 2024 | Normal | 1173066 | - | 0.1111 | - | - | 0.114 | - |
| QLD_0861_PFAS | 0861_SD067_0.1_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | - | 1.94 | - | - | 1.96 | - |
| QLD_0861_PFAS | 0861_SD067_0_171020 | SD067 | 17 Oct 2017 | Normal | EB1721894 | - | 0.0051 | - | - | 0.0148 | - |
| QLD_0861_PFAS | 0861_SD67_0.0_190513 | SD067 | 13 May 2019 | Normal | EB1912390 | - | 1.28 | - | - | 1.36 | - |
| QLD_0861_PFASOMP | 0861_SD067_200421 | SD067 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.146 | - | - | 0.15 | - |
| QLD_0861_PFASOMP | 0861_SD067_201021 | SD067 | 21 Oct 2020 | Normal | EB2027539 | - | 0.204 | - | - | 0.238 | - |
| QLD_0861_PFASOMP | 0861_SD067_210419 | SD067 | 19 Apr 2021 | Normal | EB2111116 | - | 0.346 | - | - | 0.372 | - |
| QLD_0861_PFASOMP | 0861_SD067_211025 | SD067 | 25 Oct 2021 | Normal | EB2130835 | - | 0.945 | - | - | 1.02 | - |
| QLD_0861_PFASOMP | 0861_SD067_220406 | SD067 | 06 Apr 2022 | Normal | EB2209951 | - | 0.864 | - | - | 0.932 | - |
| QLD_0861_PFASOMP | 0861_SD067_221024 | SD067 | 24 Oct 2022 | Normal | EB2231825 | - | 0.604 | - | - | 0.657 | - |
| QLD_0861_PFASOMP_23 | 0861_SD067_230420 | SD067 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.408 | - | - | 0.436 | - |
| QLD_0861_PFASOMP_23 | 0861_SD067_231129 | SD067 | 29 Nov 2023 | Normal | EB2337879-AA | - | 1.46 | - | - | 1.56 | - |
| QLD_0861_PFASOMP_24 | 0861_SD067_240418 | SD067 | 18 Apr 2024 | Normal | EB2413910 | - | 1.87 | - | - | 1.95 | - |
| QLD_0861_PFASOMP_24a | 0861_SD067_241105 | SD067 | 05 Nov 2024 | Normal | 1173066 | - | 0.8671 | - | - | 0.955 | - |
| QLD_0861_PFAS | 0861_SD076_SD_0.4_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | - | 0.0278 | - | - | 0.0282 | - |
| QLD_0861_PFAS | 0861_SD076_SD_0_170912 | SD076 | 13 Sep 2017 | Normal | EB1718855 | - | 0.0082 | - | - | 0.0082 | - |
| QLD_0861_PFAS | 0861_SD076_0.0_190501 | SD076 | 01 May 2019 | Normal | EB1911384 | - | 0.0751 | - | - | 0.0778 | - |
| QLD_0861_PFASOMP | 0861_SD076_200415 | SD076 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.127 | - | - | 0.128 | - |
| QLD_0861_PFASOMP | 0861_SD076_201016 | SD076 | 16 Oct 2020 | Normal | EB2027176-AA | - | 0.0627 | - | - | 0.0706 | - |
| QLD_0861_PFASOMP | 0861_SD076_210330 | SD076 | 30 Mar 2021 | Normal | EB2108857 | - | 0.105 | - | - | 0.112 | - |
| QLD_0861_PFASOMP | 0861_SD076_211026 | SD076 | 26 Oct 2021 | Normal | EB2130850 | - | 0.128 | - | - | 0.135 | - |
| QLD_0861_PFASOMP | 0861_SD076_220328 | SD076 | 28 Mar 2022 | Normal | EB2209950 | - | 0.0025 | - | - | 0.0025 | - |
| QLD_0861_PFASOMP_23 | 0861_SD076_230418 | SD076 | 18 Apr 2023 | Normal | EB2312062-AA | - | 0.0434 | - | - | 0.0470 | - |
| QLD_0861_PFASOMP_23 | 0861_SD076_231027 | SD076 | 27 Oct 2023 | Normal | EB2333894-AA | - | 0.514 | - | - | 0.538 | - |
| QLD_0861_PFASOMP_24 | 0861_SD076_240409 | SD076 | 09 Apr 2024 | Normal | EB2413910 | - | 0.105 | - | - | 0.111 | - |
| QLD_0861_PFASOMP_24a | 0861_SD076_241028 | SD076 | 28 Oct 2024 | Normal | 1173066 | - | 0.0846 | - | - | 0.0927 | - |
| QLD_0861_PFAS | 0861_SD079_0.2_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | - | 0.0140 | - | - | 0.0140 | - |
| QLD_0861_PFAS | 0861_SD079_0_171020 | SD079 | 17 Oct 2017 | Normal | EB1721894 | - | 0.0432 | - | - | 0.0450 | - |
| QLD_0861_PFASOMP | 0861_SD079_200421 | SD079 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.0466 | - | - | 0.0506 | - |
| QLD_0861_PFASOMP | 0861_SD079_201021 | SD079 | 21 Oct 2020 | Normal | EB2027539 | - | 0.0740 | - | - | 0.0783 | - |
| QLD_0861_PFASOMP | 0861_QC146_210419 | SD079 | 19 Apr 2021 | Field_D | EB2111121 | - | 0.696 | - | - | 0.727 | - |
| QLD_0861_PFASOMP | 0861_QC246_210419 | SD079 | 19 Apr 2021 | Interlab_D | RN1313031 | *<0.001* | - | *<0.002* | *<0.005* | - | *<0.002* |
| QLD_0861_PFASOMP | 0861_SD079_210419 | SD079 | 19 Apr 2021 | Normal | EB2111116 | - | 0.262 | - | - | 0.271 | - |
| QLD_0861_PFASOMP | 0861_SD079_211025 | SD079 | 25 Oct 2021 | Normal | EB2130835 | - | 0.0175 | - | - | 0.0184 | - |
| QLD_0861_PFASOMP | 0861_SD079_220406 | SD079 | 06 Apr 2022 | Normal | EB2209951 | - | 0.198 | - | - | 0.200 | - |
| QLD_0861_PFASOMP | 0861_SD079_221024 | SD079 | 24 Oct 2022 | Normal | EB2231825 | - | 0.286 | - | - | 0.296 | - |
| QLD_0861_PFASOMP_23 | 0861_SD079_230420 | SD079 | 21 Apr 2023 | Normal | EB2312062-AA | - | 2.04 | - | - | 2.14 | - |
| QLD_0861_PFASOMP_23 | 0861_SD079_231129 | SD079 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.467 | - | - | 0.482 | - |
| QLD_0861_PFASOMP_24 | 0861_SD079_240418 | SD079 | 18 Apr 2024 | Normal | EB2413910 | - | 0.0390 | - | - | 0.0407 | - |
| QLD_0861_PFASOMP_24a | 0861_QC101_241105 | SD079 | 05 Nov 2024 | Field_D | 1156536 | - | 0.152 | - | - | 0.152 | - |
| QLD_0861_PFASOMP_24a | 0861_QC201_241105 | SD079 | 05 Nov 2024 | Interlab_D | 365858 | - | - | - | - | 0.083 | - |
| QLD_0861_PFASOMP_24a | 0861_SD079_241105 | SD079 | 05 Nov 2024 | Normal | 1173066 | - | 0.097 | - | - | 0.1028 | - |
| QLD_0861_PFAS | 0861_SD80_0.0_190513 | SD080 | 13 May 2019 | Normal | EB1912390 | - | 0.204 | - | - | 0.221 | - |
| QLD_0861_PFAS | QC102_191203 | SD080 | 03 Dec 2019 | Field_D | EB1932627 | - | 0.228 | - | - | 0.242 | - |
| QLD_0861_PFAS | SD080_191203 | SD080 | 03 Dec 2019 | Normal | EB1932627 | - | 0.120 | - | - | 0.125 | - |
| QLD_0861_PFASOMP | 0861_SD080_200421 | SD080 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.119 | - | - | 0.132 | - |
| QLD_0861_PFASOMP | 0861_SD080_201021 | SD080 | 21 Oct 2020 | Normal | EB2027539 | - | 0.231 | - | - | 0.261 | - |
| QLD_0861_PFASOMP | 0861_SD080_210419 | SD080 | 19 Apr 2021 | Normal | EB2111116 | - | 0.968 | - | - | 1.06 | - |
| QLD_0861_PFASOMP | 0861_SD080_211025 | SD080 | 25 Oct 2021 | Normal | EB2130835 | - | 1.03 | - | - | 1.17 | - |
| QLD_0861_PFASOMP | 0861_SD080_220406 | SD080 | 06 Apr 2022 | Normal | EB2209951 | - | 0.412 | - | - | 0.463 | - |
| QLD_0861_PFASOMP | 0861_SD080_221024 | SD080 | 24 Oct 2022 | Normal | EB2231825 | - | 0.703 | - | - | 0.820 | - |
| QLD_0861_PFASOMP_23 | 0861_SD080_230420 | SD080 | 21 Apr 2023 | Normal | EB2312062-AA | - | 0.139 | - | - | 0.149 | - |
| QLD_0861_PFASOMP_23 | 0861_SD080_231129 | SD080 | 29 Nov 2023 | Normal | EB2337879-AA | - | 0.728 | - | - | 0.760 | - |
| QLD_0861_PFASOMP_24 | 0861_SD080_240418 | SD080 | 18 Apr 2024 | Normal | EB2413910 | - | 0.276 | - | - | 0.317 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_SD080_241105 | SD080 | 05 Nov 2024 | Normal | 1173066 | - | 0.9319 | - | - | 1.0556 | - |
| QLD_0861_PFAS | 0861_SD088_0.2_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | - | 0.0004 | - | - | 0.0004 | - |
| QLD_0861_PFAS | 0861_SD088_0_170915 | SD088 | 15 Sep 2017 | Normal | EB1719132 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD088_200420 | SD088 | 20 Apr 2020 | Normal | EB2011246-AC | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_QC122_201013 | SD088 | 13 Oct 2020 | Field_D | EB2027176-AA | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP | 0861_QC222_201013 | SD088 | 13 Oct 2020 | Interlab_D | RN1292029 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD088_201013 | SD088 | 13 Oct 2020 | Normal | EB2027172 | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP | 0861_SD088_210413 | SD088 | 13 Apr 2021 | Normal | EB2111116 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD088_211020 | SD088 | 20 Oct 2021 | Normal | EB2130835 | - | 0.0003 | - | - | 0.0003 | - |
| QLD_0861_PFASOMP | 0861_QC174_220331 | SD088 | 31 Mar 2022 | Field_D | EB2209942 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_QC274_220331 | SD088 | 31 Mar 2022 | Interlab_D | RN1349008 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD088_220331 | SD088 | 31 Mar 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD088_221019 | SD088 | 19 Oct 2022 | Normal | EB2231197 | - | <0.0020 | - | - | <0.0020 | - |
| QLD_0861_PFASOMP_23 | 0861_SD088_230522 | SD088 | 22 May 2023 | Normal | EB2315514 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0681_QC105_231023 | SD088 | 23 Oct 2023 | Field_D | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861-_QC205_231023 | SD088 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD088_231023 | SD088 | 23 Oct 2023 | Normal | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD088_240410 | SD088 | 10 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD088_241118 | SD088 | 18 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD089_0.4_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD089_0_170914 | SD089 | 14 Sep 2017 | Normal | EB1719065 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD089_0.0_190510 | SD089 | 10 May 2019 | Normal | EB1911952 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD089_200420 | SD089 | 20 Apr 2020 | Normal | EB2011246-AC | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD089_201013 | SD089 | 13 Oct 2020 | Normal | EB2027172 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD089_210413 | SD089 | 13 Apr 2021 | Normal | EB2111116 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD089_211020 | SD089 | 20 Oct 2021 | Normal | EB2130835 | - | <0.0010 | - | - | <0.0010 | - |
| QLD_0861_PFASOMP | 0861_SD089_220331 | SD089 | 31 Mar 2022 | Normal | EB2209950 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD089_221019 | SD089 | 19 Oct 2022 | Normal | EB2231197 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD089_230522 | SD089 | 22 May 2023 | Normal | EB2315514 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_SD089_231023 | SD089 | 23 Oct 2023 | Normal | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD089_240410 | SD089 | 10 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD089_241118 | SD089 | 18 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD091_0.25_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD091_0_170914 | SD091 | 14 Sep 2017 | Normal | EB1719065 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFAS | 0861_SD091_0.0_190510 | SD091 | 10 May 2019 | Normal | EB1911952 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD091_200420 | SD091 | 20 Apr 2020 | Normal | EB2011246-AC | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD091_201013 | SD091 | 13 Oct 2020 | Normal | EB2027172 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD091_210414 | SD091 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0016 | - | - | 0.0016 | - |
| QLD_0861_PFASOMP | 0861_SD091_211021 | SD091 | 21 Oct 2021 | Normal | EB2130835 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD091_220331 | SD091 | 31 Mar 2022 | Normal | EB2209950 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD091_221021 | SD091 | 21 Oct 2022 | Normal | EB2231197 | - | 0.0013 | - | - | 0.0013 | - |
| QLD_0861_PFASOMP_23 | 0861_SD091_230522 | SD091 | 22 May 2023 | Normal | EB2315514 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0681_QC102_231023 | SD091 | 23 Oct 2023 | Field_D | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_23 | 0861_QC202_231023 | SD091 | 23 Oct 2023 | Interlab_D | RN1410504 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP_23 | 0861_SD091_231023 | SD091 | 23 Oct 2023 | Normal | EB2333894-AA | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24 | 0861_SD091_240410 | SD091 | 10 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD091_241118 | SD091 | 18 Nov 2024 | Normal | 1173066 | - | <0.0005 | - | - | <0.0005 | - |
| QLD_0861_PFAS | 0861_SD094_0.2_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | - | 0.0446 | - | - | 0.0539 | - |
| QLD_0861_PFAS | 0861_SD094_0_170915 | SD094 | 15 Sep 2017 | Normal | EB1719132 | - | 0.163 | - | - | 0.174 | - |
| QLD_0861_PFASOMP | 0861_SD094_200415 | SD094 | 15 Apr 2020 | Normal | EB2010666-AE | - | 0.0117 | - | - | 0.0117 | - |
| QLD_0861_PFASOMP | 0861_QC124_201014 | SD094 | 14 Oct 2020 | Field_D | EB2027176-AA | - | 0.0032 | - | - | 0.0032 | - |
| QLD_0861_PFASOMP | 0861_QC224_201014 | SD094 | 14 Oct 2020 | Interlab_D | RN1292029 | <0.001 | - | <0.02 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD094_201014 | SD094 | 14 Oct 2020 | Normal | EB2027172 | - | <0.0012 | - | - | <0.0012 | - |
| QLD_0861_PFASOMP | 0861_SD094_210414 | SD094 | 14 Apr 2021 | Normal | EB2111116 | - | 0.0069 | - | - | 0.0069 | - |
| QLD_0861_PFASOMP | 0861_SD094_211022 | SD094 | 22 Oct 2021 | Normal | EB2130835 | - | 0.0040 | - | - | 0.0040 | - |
| QLD_0861_PFASOMP | 0861_QC177_220401 | SD094 | 01 Apr 2022 | Field_D | EB2209942 | - | 0.0132 | - | - | 0.0134 | - |
| QLD_0861_PFASOMP | 0861_QC277_220401 | SD094 | 01 Apr 2022 | Interlab_D | RN1349008 | <0.001 | - | <0.002 | <0.005 | - | <0.002 |
| QLD_0861_PFASOMP | 0861_SD094_220401 | SD094 | 01 Apr 2022 | Normal | EB2209950 | - | 0.0104 | - | - | 0.0110 | - |
| QLD_0861_PFASOMP | 0861_SD094_221019 | SD094 | 19 Oct 2022 | Normal | EB2231197 | - | 0.0011 | - | - | 0.0011 | - |
| QLD_0861_PFASOMP_23 | 0861_SD094_230522 | SD094 | 22 May 2023 | Normal | EB2315514 | - | 0.0002 | - | - | 0.0002 | - |

| | | | | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | | 0.001 | 0.0002 | 0.002 | 0.005 | 0.0001 | 0.002 |
| Project ID | Field ID | Location Code | Date | Sample Type | Lab Report Number | | | | | | |
| QLD_0861_PFASOMP_23 | 0861_SD094_231024 | SD094 | 24 Oct 2023 | Normal | EB2333894-AA | - | <0.0020 | - | - | <0.0020 | - |
| QLD_0861_PFASOMP_24 | 0861_SD094_240411 | SD094 | 11 Apr 2024 | Normal | EB2413910 | - | 0.0068 | - | - | 0.0068 | - |
| QLD_0861_PFASOMP_24a | 0861_SD094_241108 | SD094 | 08 Nov 2024 | Normal | 1173066 | - | 0.0087 | - | - | 0.0087 | - |
| QLD_0861_PFAS | 0861_SD098_0_170915 | SD098 | 15 Sep 2017 | Normal | EB1719132 | - | 0.0038 | - | - | 0.0038 | - |
| QLD_0861_PFAS | 0861_SD098_0.0_190506 | SD098 | 06 May 2019 | Normal | EB1911952 | - | 0.0007 | - | - | 0.0007 | - |
| QLD_0861_PFAS | 0861_SD098_0.0_191120 | SD098 | 20 Nov 2019 | Normal | EB1931427 | - | 0.0005 | - | - | 0.0005 | - |
| QLD_0861_PFASOMP | 0861_SD098_200415 | SD098 | 15 Apr 2020 | Normal | EB2010666-AF | - | 0.0039 | - | - | 0.0039 | - |
| QLD_0861_PFASOMP | 0861_SD098_201015 | SD098 | 15 Oct 2020 | Normal | EB2027208-AA | - | 0.0190 | - | - | 0.0198 | - |
| QLD_0861_PFASOMP | 0861_SD098_210415 | SD098 | 15 Apr 2021 | Normal | EB2111112 | - | 0.0093 | - | - | 0.0093 | - |
| QLD_0861_PFASOMP | 0861_SD098_211019 | SD098 | 19 Oct 2021 | Normal | EB2130815 | - | 0.0023 | - | - | 0.0023 | - |
| QLD_0861_PFASOMP | 0861_SD098_220401 | SD098 | 01 Apr 2022 | Normal | EB2209946 | - | 0.0002 | - | - | 0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD098_221020 | SD098 | 20 Oct 2022 | Normal | EB2231202 | - | 0.0022 | - | - | 0.0022 | - |
| QLD_0861_PFASOMP_23 | 0861_QC108_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | - | 0.0007 | - | - | 0.0007 | - |
| QLD_0861_PFASOMP_23 | 0861_QC208_230418 | SD098 | 18 Apr 2023 | Field_D | EB2312062-AB | - | 0.0006 | - | - | 0.0006 | - |
| QLD_0861_PFASOMP_23 | 0861_SD098_230418 | SD098 | 18 Apr 2023 | Normal | EB2312057 | - | 0.0010 | - | - | 0.0010 | - |
| QLD_0861_PFASOMP_23 | 0861_SD098_231026 | SD098 | 26 Oct 2023 | Normal | EB2333898 | - | 0.0012 | - | - | 0.0012 | - |
| QLD_0861_PFASOMP_24 | 0861_SD098_240412 | SD098 | 12 Apr 2024 | Normal | EB2413946 | - | 0.0040 | - | - | 0.0040 | - |
| QLD_0861_PFASOMP_24a | 0861_SD098_241108 | SD098 | 08 Nov 2024 | Normal | 1173066 | - | 0.0065 | - | - | 0.0065 | - |
| QLD_0861_PFAS | 0861_SD099_0.4_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | - | 0.0274 | - | - | 0.0284 | - |
| QLD_0861_PFAS | 0861_SD099_0_170915 | SD099 | 15 Sep 2017 | Normal | EB1719132 | - | 0.117 | - | - | 0.125 | - |
| QLD_0861_PFAS | 0861_SD099_0.0_190507 | SD099 | 07 May 2019 | Normal | EB1911952 | - | 0.0067 | - | - | 0.0067 | - |
| QLD_0861_PFAS | 0861_SD099_191127 | SD099 | 27 Nov 2019 | Normal | EB1932183 | - | 0.0510 | - | - | 0.0533 | - |
| QLD_0861_PFASOMP | 0861_SD099_200421 | SD099 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.0053 | - | - | 0.0053 | - |
| QLD_0861_PFASOMP | 0861_SD099_201015 | SD099 | 15 Oct 2020 | Normal | EB2027172 | - | 0.0134 | - | - | 0.0143 | - |
| QLD_0861_PFASOMP | 0861_SD099_210413 | SD099 | 13 Apr 2021 | Normal | EB2111116 | - | 0.0077 | - | - | 0.0144 | - |
| QLD_0861_PFASOMP | 0861_SD099_211020 | SD099 | 20 Oct 2021 | Normal | EB2130835 | - | 0.0083 | - | - | 0.0083 | - |
| QLD_0861_PFASOMP | 0861_SD099_220329 | SD099 | 29 Mar 2022 | Normal | EB2209951 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP | 0861_SD099_221020 | SD099 | 20 Oct 2022 | Normal | EB2231197 | - | 0.0056 | - | - | 0.0068 | - |
| QLD_0861_PFASOMP_23 | 0861_SD099_230419 | SD099 | 19 Apr 2023 | Normal | EB2312062-AA | - | 0.0047 | - | - | 0.0047 | - |
| QLD_0861_PFASOMP_23 | 0861_SD099_231024 | SD099 | 24 Oct 2023 | Normal | EB2333894-AA | - | 0.0031 | - | - | 0.0031 | - |
| QLD_0861_PFASOMP_24 | 0861_SD099_240411 | SD099 | 11 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD099_241106 | SD099 | 06 Nov 2024 | Normal | 1173066 | - | 0.0023 | - | - | 0.0023 | - |
| QLD_0861_PFAS | 0861_SD100_0.2_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | - | 0.0113 | - | - | 0.0113 | - |
| QLD_0861_PFAS | 0861_SD100_0_170918 | SD100 | 18 Sep 2017 | Normal | EB1719278 | - | 0.0021 | - | - | 0.0021 | - |
| QLD_0861_PFAS | 0861_QC103_190507 | SD100 | 07 May 2019 | Field_D | EB1911952 | - | 0.0012 | - | - | 0.0012 | - |
| QLD_0861_PFAS | 0861_SD100_0.0_190507 | SD100 | 07 May 2019 | Normal | EB1911952 | - | 0.0009 | - | - | 0.0009 | - |
| QLD_0861_PFAS | 0861_QC204_191127 | SD100 | 27 Nov 2019 | Interlab_D | 232094-A | - | - | - | - | 0.018 | - |
| QLD_0861_PFAS | 0861_SD100_0.1_191127 | SD100 | 27 Nov 2019 | Normal | EB1932183 | - | 0.0124 | - | - | 0.0130 | - |
| QLD_0861_PFAS | QC104_191127 | SD100 | 27 Nov 2019 | Field_D | EB1934177 | - | 0.0048 | - | - | 0.0048 | - |
| QLD_0861_PFASOMP | 0861_SD100_200421 | SD100 | 21 Apr 2020 | Normal | EB2011246-AC | - | 0.003 | - | - | 0.003 | - |
| QLD_0861_PFASOMP | 0861_SD100_201015 | SD100 | 15 Oct 2020 | Normal | EB2027172 | - | 0.0024 | - | - | 0.0024 | - |
| QLD_0861_PFASOMP | 0861_SD100_210413 | SD100 | 13 Apr 2021 | Normal | EB2111116 | - | 0.0042 | - | - | 0.0042 | - |
| QLD_0861_PFASOMP | 0861_SD100_211020 | SD100 | 20 Oct 2021 | Normal | EB2130835 | - | 0.0028 | - | - | 0.0028 | - |
| QLD_0861_PFASOMP | 0861_SD100_220329 | SD100 | 29 Mar 2022 | Normal | EB2209951 | - | 0.0030 | - | - | 0.0030 | - |
| QLD_0861_PFASOMP | 0861_SD100_221020 | SD100 | 20 Oct 2022 | Normal | EB2231197 | - | 0.0061 | - | - | 0.0061 | - |
| QLD_0861_PFASOMP_23 | 0861_SD100_230419 | SD100 | 19 Apr 2023 | Normal | EB2312062-AA | - | 0.0019 | - | - | 0.0019 | - |
| QLD_0861_PFASOMP_23 | 0861_SD100_231024 | SD100 | 24 Oct 2023 | Normal | EB2333894-AA | - | <0.0020 | - | - | <0.0020 | - |
| QLD_0861_PFASOMP_24 | 0861_SD100_240411 | SD100 | 11 Apr 2024 | Normal | EB2413910 | - | <0.0002 | - | - | <0.0002 | - |
| QLD_0861_PFASOMP_24a | 0861_SD100_241106 | SD100 | 06 Nov 2024 | Normal | 1173066 | - | 0.0041 | - | - | 0.0044 | - |

# Appendix D Data Reliability Assessment

| Data Validation | | |
|---|---|---|
| **Project Number:** | 66133 | |
| **Client:** | Department of Defence | |
| **Site:** | Royal Australian Airforce Base, Amberley | |
| **Matrix Type:** | Groundwater, surface water and sediment | |
| **Laboratory:** | Eurofins Brisbane, Envirolab Services | |
| **Laboratory References:** | | |
| **Overall Summary:** | | |
| **Precision** | | |
| Intra-Laboratory Duplicates (blind) | RPDs less than 30%, except where:<br>• Results are less than 10 times the LOR (no limit).<br>• Results are less than 20 times the LOR and the RPD is less than 50%<br>• Heterogeneous materials are encountered. | ***Groundwater – 44 Primary Samples***<br>A total of 5 groundwater blind duplicates were collected and analysed. Blind duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 2 out of 145 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br>***Surface water – 44 Primary Samples***<br>A total of 6 surface water blind duplicates were collected and analysed. Blind duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 3 out of 174 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br>***Sediment – 47 Primary Samples***<br>A total of 6 sediment blind duplicates were collected and analysed. Blind duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 3 out of 174 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were generally within an order of magnitude. The RPD exceedances are generally associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data. |

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| | | |
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| Inter-laboratory duplicates (split) | RPDs less than 30%, except where:<br>• Results are less than 10 times the LOR (no limit).<br>• Results are less than 20 times the LOR and the RPD is less than 50%<br>Heterogeneous materials are encountered. | ***Groundwater – 44 Primary Samples***<br>A total of 4 groundwater split duplicates were collected and analysed. Split duplicates were collected and analysed at a marginally less than 1/10 primary samples. This does not warrant concern with respect to the overall reliability of the data in consideration of the number of blind duplicate results and the results reported for split duplicates, indicating acceptable level of precision between laboratories.<br>A total of 2 out of 116 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are generally associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br>***Surface water – 44 Primary Samples***<br>A total of 5 surface water split duplicates were collected and analysed. Split duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 9 out of 145 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are generally associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br>***Sediment – 47 Primary Samples***<br>A total of 5 sediment split duplicates were collected and analysed. Split duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 2 out of 145 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were generally within an order of magnitude. The RPD exceedances are generally associated with the low concentrations reported and difference in LOR. As such, the exceedances are not considered to impact the validity of the data. |
| Laboratory duplicates | RPDs less than:<br>20% for high level laboratory duplicates (i.e. >20 x LOR).<br>50% for medium level laboratory duplicates (i.e. 10 to 20 x LOR). | A total of 2 marginal water laboratory duplicate exceedances were reported out of 784 replicate analytes (excluded 'analytes' which are a summation of other analytes). Exceedances were reported from laboratory reports 1158333 and 1158342, with an RPD of 24%. The concentration reported are within the margin of error and are not considered to impact the validity of the data.<br>A total of 1 marginal soil laboratory duplicate exceedance was reported out of 784 replicate analytes (excluded 'analytes' which are a summation of other analytes) for laboratory report 1156536, with an RPD of 21%. The concentration reported are |

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| | | |
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| | | within the margin of error and are not considered to impact the validity of the data. |
| Limit of reporting | - | The limit of reporting was sufficiently low to enable assessment against adopted screening criteria, with exception of the PFAS NEMP (HEPA, 2020) 99% species protection criteria for PFOS. There is the potential for concentrations to be above the 99% species protection limit, but below the limit of reporting for some samples. This limitation should be taken into consideration when reviewing and interpreting this data set. |
| **Accuracy** | | |
| Field Rinsate blanks | Less than laboratory LOR | Rinsate blank samples were collected at a frequency of one per day of sampling (13 in total) where appropriate, based on the sampling being undertaken (i.e. where non-disposable sampling equipment was being used). Rinsate blank samples were collected from the decontaminated interface probe and trowel.<br>Results are presented in Table D1. PFAS concentrations were reported below the LOR in all samples tested. |
| Field Blanks | Less than laboratory LOR | Field blank samples were generally collected at a frequency of one per day of sampling (11 field blanks collected). Results were reported below the LOR for all field blanks with exception of 0861_QC401_241031 which reported detectable concentrations of PFAS. Re-analysis of this sample reported results below the LOR. |
| Field trip blanks | Less than laboratory LOR | A total of 7 trip blanks were submitted and analysed for PFAS, with one trip blank submitted per media, per laboratory sample batch. All analytes reported concentrations below the LOR. |
| Laboratory matrix spikes | Recoveries between 70-130% | All Laboratory matrix spike recoveries (where reported) were within control limits, except:<br>• 1155836 (water): matrix spike for PFOS, PFPeA, PFPeS, 6:2 FTS, PFHxA, PFOA, PFHxS, PFBS, PFHpA, PFHpS, PFPrS. The matrix spike failures were reported due to the presence of analytes(s) in parent sample (SW076) at > 3X the spike concentration, as such recovery was not able to be achieved. This is not considered to represent a concern with respect to reliability of the data.<br>• 1173066 (soil): matrix spike for N-MeFOSA, N-EtFOSA, 10:2 FTSA. The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference. This is not considered to represent a concern with response to reliability of the data. |
| Laboratory method banks | Less than the laboratory LOR. | All laboratory method blanks were reported below the limit of reporting. |
| Laboratory control samples | Recoveries between laboratories specified range for each particular analyte / analytical suite. | All Laboratory Control Spikes (LCS) recoveries (where reported) were within control limits. |

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| | | |
|---|---|---|
| Data transcription | - | A random check of 10% of the laboratory results identified no anomalies within the electronic results, table and figures generated by JBS&G. |
| **Representativeness** | | |
| Holding times | All samples within holding time | Samples were extracted and analysed within recommended holding times. |
| Sample locations | - | All samples were collected at locations prescribed by the OMP. |
| Sampling methodology | - | Samples were collected using appropriate methods, in accordance with the methodology detailed within the SAQP and as detailed in this SER. |
| Equipment decontamination | - | Non-dedicated sampling equipment was decontaminated between sample locations, in accordance with the SAQP as detailed in this SER. |
| Equipment calibration | - | All field equipment was calibrated by the equipment supplier. Calibration certificates and bump test records have been provided in **Appendix E**. However, it is noted that anomalous field parameters (pH and DO) were recorded when compared to historical records. The field parameter recordings should be confirmed during the next monitoring event. The field parameter data is not considered to impact the reliability of analytical data collected. |
| **Comparability** | | |
| Sampler | - | Sampling was completed by appropriated trained and qualified personnel. |
| Standard procedures | - | Sampling was completed in accordance with methodologies outlined in the SAQP. |
| Analytical method | | Samples were analysed using NATA accredited methodologies. |
| **Completeness** | | |
| Program | - | The scope of works was undertaken in general accordance with the SAQP. Deviations from the SAQP have been documented in the SER and are not considered to have a material impact on the program objectives. |
| Data validity | - | The data reliability assessment indicates no significant system errors in data collection and analysis. As such, the data is considered to be adequately valid and complete. However, the anomalous field parameters recorded should be confirmed during the next monitoring event. |

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Field or Interlab Duplicates

| | | | | Sample Preparation | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Moisture Content | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) |
| | | | | % | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | 0.1 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.005 | 0.0002 | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0005 |
| **Lab Report Number** | **Field ID** | **Matrix Description** | **Date** | | | | | | | | | | | | | | | | |
| **1155836** | **0861_SD002_241031** | **Sediment** | **31 Oct 2024** | **41** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.035** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1155836** | **0861_QC102_241031** | **Sediment** | **31 Oct 2024** | **48** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.037** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 16 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1156536** | **0861_SD079_241105** | **Sediment** | **05 Nov 2024** | **33** | *<0.005* | *<0.005* | **0.012** | *<0.005* | **0.041** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1156536** | **0861_QC101_241105** | **Sediment** | **05 Nov 2024** | **57** | *<0.005* | *<0.005* | **0.022** | *<0.005* | **0.13** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 53 | 0 | 0 | 59 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1156536** | **0861_SD079_241105** | **Sediment** | **05 Nov 2024** | **33** | *<0.005* | *<0.005* | **0.012** | *<0.005* | **0.041** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **365858** | **0861_QC201_241105** | **Sediment** | **05 Nov 2024** | **44** | **0.0008** | **0.001** | **0.011** | **0.001** | **0.066** | - | **0.0005** | *<0.0002* | **0.0004** | **0.0014** | **0.0003** | **0.0008** | *<0.0001* | *<0.0005* | *<0.0005* |
| **RPD** | | | | 29 | 0 | 0 | 9 | 0 | 47 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1158342** | **0861_SD018_241106** | **Sediment** | **06 Nov 2024** | **45** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.011** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1158342** | **0861_QC102_241106** | **Sediment** | **06 Nov 2024** | **30** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.011** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1158342** | **0861_SD018_241106** | **Sediment** | **06 Nov 2024** | **45** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.011** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **366584** | **0861_QC202_241106** | **Sediment** | **06 Nov 2024** | **42** | *<0.0001* | *<0.0001* | **0.0009** | *<0.0001* | **0.0077** | - | **0.0004** | *<0.0002* | *<0.0002* | **0.0002** | *<0.0001* | *<0.0001* | *<0.0005* | *<0.002* | *<0.005* |
| **RPD** | | | | 7 | 0 | 0 | 0 | 0 | 35 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1158342** | **0861_SD028_241107** | **Sediment** | **07 Nov 2024** | **45** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.02** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1158342** | **0861_QC105_241107** | **Sediment** | **07 Nov 2024** | **40** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.011** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 12 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1158342** | **0861_SD028_241107** | **Sediment** | **07 Nov 2024** | **45** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | **0.02** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **366584** | **0861_QC205_241107** | **Sediment** | **07 Nov 2024** | **40** | *<0.0001* | *<0.0001* | **0.001** | *<0.0001* | **0.026** | - | **0.0006** | *<0.0002* | *<0.0002* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0005* | *<0.0005* |
| **RPD** | | | | 12 | 0 | 0 | 0 | 0 | 26 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD025_241112** | **Sediment** | **12 Nov 2024** | **35** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1161658** | **0861_QC103_241112** | **Sediment** | **12 Nov 2024** | **37** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD025_241112** | **Sediment** | **12 Nov 2024** | **35** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **366901** | **0861_QC203_241112** | **Sediment** | **12 Nov 2024** | **36** | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | **0.0005** | - | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0005* | *<0.002* |
| **RPD** | | | | 3 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD052_241118** | **Sediment** | **18 Nov 2024** | **40** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **1161658** | **0861_QC101_241118** | **Sediment** | **18 Nov 2024** | **44** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **RPD** | | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD052_241118** | **Sediment** | **18 Nov 2024** | **40** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.005* |
| **366901** | **0861_QC201_241118** | **Sediment** | **18 Nov 2024** | **51** | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | - | *<0.0002* | *<0.0002* | *<0.0002* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0001* | *<0.0005* | *<0.002* |
| **RPD** | | | | 24 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*RPDs have only been considered where a concentration is greater than 1 times the EQL.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 ( > 30 x EQL) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

**Field or Interlab Duplicates**

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
| | | | | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | 0.0005 | 0.0005 | 0.005 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.001 | 0.001 | 0.0002 | 0.001 | 0.001 | 0.0002 | 0.005 | 0.0001 | 0.01 | 0.0001 |
| **Lab Report Number** | **Field ID** | **Matrix Description** | **Date** | | | | | | | | | | | | | | | | | |
| **1155836** | **0861_SD002_241031** | **Sediment** | **31 Oct 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.035** | **0.035** | *<0.05* |
| **1155836** | **0861_QC102_241031** | **Sediment** | **31 Oct 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | **0.0067** | **0.037** | **0.037** | *<0.05* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 6 | 6 | 0 |
| **1156536** | **0861_SD079_241105** | **Sediment** | **05 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.053** | **0.053** | **0.053** |
| **1156536** | **0861_QC101_241105** | **Sediment** | **05 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.152** | **0.152** | **0.152** |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 | 97 | 97 |
| **1156536** | **0861_SD079_241105** | **Sediment** | **05 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.053** | **0.053** | **0.053** |
| **365858** | **0861_QC201_241105** | **Sediment** | **05 Nov 2024** | *<0.0005* | *<0.0005* | *<0.005* | *<0.0001* | *<0.0001* | *<0.0002* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.005* | **0.076** | - | **0.083** |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | - | 44 |
| **1158342** | **0861_SD018_241106** | **Sediment** | **06 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.011** | **0.011** | *<0.05* |
| **1158342** | **0861_QC102_241106** | **Sediment** | **06 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.011** | **0.011** | *<0.05* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1158342** | **0861_SD018_241106** | **Sediment** | **06 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.011** | **0.011** | *<0.05* |
| **366584** | **0861_QC202_241106** | **Sediment** | **06 Nov 2024** | *<0.005* | *<0.005* | *<0.05* | *<0.0001* | *<0.0001* | *<0.001* | *<0.001* | *<0.005* | *<0.005* | *<0.001* | *<0.001* | *<0.005* | *<0.001* | *<0.005* | **0.0086** | - | **0.0091** |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | - | 0 |
| **1158342** | **0861_SD028_241107** | **Sediment** | **07 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.02** | **0.02** | *<0.05* |
| **1158342** | **0861_QC105_241107** | **Sediment** | **07 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.011** | **0.011** | *<0.05* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 58 | 0 |
| **1158342** | **0861_SD028_241107** | **Sediment** | **07 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | **0.02** | **0.02** | *<0.05* |
| **366584** | **0861_QC205_241107** | **Sediment** | **07 Nov 2024** | *<0.0005* | *<0.0005* | *<0.005* | *<0.0001* | *<0.0001* | *<0.0002* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.005* | **0.027** | - | **0.027** |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | - | 0 |
| **1161658** | **0861_SD025_241112** | **Sediment** | **12 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **1161658** | **0861_QC103_241112** | **Sediment** | **12 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD025_241112** | **Sediment** | **12 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **366901** | **0861_QC203_241112** | **Sediment** | **12 Nov 2024** | *<0.0005* | *<0.0005* | *<0.005* | *<0.0001* | *<0.0001* | *<0.0002* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.005* | **0.0005** | - | **0.0005** |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| **1161658** | **0861_SD052_241118** | **Sediment** | **18 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **1161658** | **0861_QC101_241118** | **Sediment** | **18 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1161658** | **0861_SD052_241118** | **Sediment** | **18 Nov 2024** | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.05* |
| **366901** | **0861_QC201_241118** | **Sediment** | **18 Nov 2024** | *<0.0005* | *<0.0005* | *<0.005* | *<0.0001* | *<0.0001* | *<0.0002* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.001* | *<0.001* | *<0.0002* | *<0.005* | *<0.0001* | - | *<0.0001* |
| **RPD** | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |

*RPDs have only been considered where a concentration is greater than 1 times the EQL.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 3(

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods

Field or Interlab Duplicates (Water)

| | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) |
| | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 |
| Lab Report Number | Field ID | Matrix Type | Date | | | | | | | | | | | | | | | | | | | | | | | | |
| 1155836 | 0861_MW037_241028 | Water | 28 Oct 2024 | 2.1 | 1.6 | 7.7 | 0.14 | 0.37 | <0.01 | <0.01 | 0.33 | 0.43 | 2.1 | 0.25 | 0.18 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1155836 | 0861_QC101_241028 | Water | 28 Oct 2024 | 2.2 | 1.8 | 7.1 | 0.13 | 0.35 | <0.01 | <0.01 | 0.31 | 0.41 | 2.0 | 0.24 | 0.16 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 5 | 12 | 8 | 7 | 6 | 0 | 0 | 6 | 5 | 5 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1155836 | 0861_MW034_241029 | Water | 29 Oct 2024 | <0.01 | <0.01 | 0.02 | <0.01 | 0.07 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.10 | <0.01 | <0.01 | <0.05 | <0.05 |
| 365539 | 0861_QC201_241029 | Water | 31 Oct 2024 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.09 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 0 | 0 | 67 | 0 | 55 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 |
| 1155836 | 0861_MW033_241031 | Water | 31 Oct 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1155836 | 0861_QC103_241031 | Water | 31 Oct 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| 1155836 | 0861_SW002_241031 | Water | 31 Oct 2024 | 0.08 | 0.06 | 0.48 | 0.02 | 0.98 | <0.01 | <0.01 | 0.19 | 0.40 | 0.44 | 0.16 | 0.09 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1155836 | 0861_QC101_241031 | Water | 31 Oct 2024 | 0.07 | 0.06 | 0.51 | 0.03 | 1.0 | <0.01 | <0.01 | 0.20 | 0.47 | 0.47 | 0.18 | 0.09 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 13 | 0 | 6 | 40 | 2 | 0 | 0 | 5 | 16 | 7 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1155836 | 0861_SW002_241031 | Water | 31 Oct 2024 | 0.08 | 0.06 | 0.48 | 0.02 | 0.98 | <0.01 | <0.01 | 0.19 | 0.40 | 0.44 | 0.16 | 0.09 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 365537 | 0861_QC201_241031 | Water | 31 Oct 2024 | 0.08 | 0.06 | 0.63 | 0.03 | 1.3 | - | <0.02 | 0.2 | 0.48 | 0.44 | 0.21 | 0.13 | 0.03 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.02 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 0 | 0 | 27 | 40 | 28 | - | 0 | 5 | 18 | 0 | 27 | 36 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1155836 | 0861_MW025_241101 | Water | 01 Nov 2024 | 0.20 | 0.11 | 0.97 | 0.06 | 1.0 | <0.01 | <0.01 | 0.27 | 0.39 | 0.51 | 0.12 | 0.11 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 365539 | 0861_QC201_241101 | Water | 01 Nov 2024 | 0.21 | 0.18 | 1.2 | 0.05 | 1.4 | - | <0.02 | 0.28 | 0.38 | 0.53 | 0.13 | 0.15 | 0.02 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.03 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 5 | 48 | 21 | 18 | 33 | - | 0 | 4 | 3 | 4 | 8 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1156536 | 0861_MW029_241104 | Water | 04 Nov 2024 | 0.68 | 0.67 | 4.6 | 0.30 | 1.3 | <0.01 | <0.01 | 0.14 | 0.13 | 0.84 | 0.11 | 0.20 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 365857 | 0861_QC201_241104 | Water | 04 Nov 2024 | 0.64 | 0.69 | 4.4 | 0.28 | 3.3 | - | <0.02 | 0.1 | 0.2 | 0.75 | 0.13 | 0.22 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 6 | 3 | 4 | 7 | 87 | - | 0 | 33 | 42 | 11 | 17 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1156536 | 0861_MW036_241104 | Water | 04 Nov 2024 | <0.01 | <0.01 | 0.03 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1156536 | 0861_QC101_241104 | Water | 04 Nov 2024 | <0.01 | <0.01 | 0.04 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 29 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1156536 | 0861_SW079_241105 | Water | 05 Nov 2024 | 1.4 | 1.4 | 13 | 0.72 | 10 | <0.01 | <0.01 | 0.36 | 0.44 | 2.5 | 0.30 | 0.61 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1156536 | 0861_QC102_241105 | Water | 05 Nov 2024 | 1.9 | 1.8 | 11 | 0.61 | 11 | <0.01 | <0.01 | 0.35 | 0.39 | 2.7 | 0.30 | 0.62 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 30 | 25 | 17 | 17 | 10 | 0 | 0 | 3 | 12 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1156536 | 0861_SW079_241105 | Water | 05 Nov 2024 | 1.4 | 1.4 | 13 | 0.72 | 10 | <0.01 | <0.01 | 0.36 | 0.44 | 2.5 | 0.30 | 0.61 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 365856 | 0861_QC202_241105 | Water | 05 Nov 2024 | 1.7 | 2.0 | 14 | 0.90 | 14 | - | <0.02 | 0.36 | 0.69 | 2.8 | 0.43 | 0.74 | 0.02 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | 0.02 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 19 | 35 | 7 | 22 | 33 | - | 0 | 0 | 44 | 11 | 36 | 19 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1158333 | 0861_SW018_241106 | Water | 06 Nov 2024 | 0.04 | 0.02 | 0.17 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1158333 | 0861_QC101_241106 | Water | 06 Nov 2024 | 0.05 | 0.03 | 0.21 | 0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.03 | 0.04 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 22 | 40 | 21 | 0 | 21 | 0 | 0 | 0 | 40 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1158333 | 0861_SW018_241106 | Water | 06 Nov 2024 | 0.04 | 0.02 | 0.17 | <0.01 | 0.34 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 366777 | 0861_QC201_241106 | Water | 06 Nov 2024 | 0.02 | 0.02 | 0.15 | <0.01 | 0.33 | - | <0.02 | <0.02 | <0.02 | 0.03 | <0.01 | 0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 67 | 0 | 13 | 0 | 3 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1158333 | 0861_SW028_241107 | Water | 07 Nov 2024 | 0.06 | 0.03 | 0.25 | 0.01 | 0.47 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1158333 | 0861_QC105_241107 | Water | 07 Nov 2024 | 0.06 | 0.03 | 0.22 | <0.01 | 0.42 | <0.01 | <0.01 | <0.05 | 0.04 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 13 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_MW048_241112 | Water | 12 Nov 2024 | <0.01 | <0.01 | 0.06 | <0.01 | 0.75 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 366900 | 0861_QC201_241112 | Water | 12 Nov 2024 | 0.02 | <0.01 | 0.08 | <0.01 | 0.59 | - | <0.02 | <0.02 | <0.02 | 0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 67 | 0 | 29 | 0 | 24 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_MW049_241112 | Water | 12 Nov 2024 | 0.09 | 0.07 | 0.35 | <0.01 | 0.56 | <0.01 | <0.01 | <0.05 | 0.03 | 0.11 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1161658 | 0861_QC101_241112 | Water | 12 Nov 2024 | 0.09 | 0.07 | 0.41 | <0.01 | 0.64 | <0.01 | <0.01 | <0.05 | 0.04 | 0.12 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 16 | 0 | 13 | 0 | 0 | 0 | 29 | 9 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW025_241112 | Water | 12 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1161658 | 0861_QC102_241112 | Water | 12 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW025_241112 | Water | 12 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 366899 | 0861_QC202_241112 | Water | 12 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW052_241118 | Water | 18 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1161658 | 0861_QC101_241118 | Water | 18 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW052_241118 | Water | 18 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 366899 | 0861_QC201_241118 | Water | 18 Nov 2024 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1164996 | 0861_MW054S_241126 | Water | 26 Nov 2024 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| 1164996 | 0861_QC101_241126 | Water | 26 Nov 2024 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*RPDs have only been considered where a concentration is greater than 1 times the EQL.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 ( > 30 x EQL) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

**Field or Interlab Duplicates (Water)**

| | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| Lab Report Number | Field ID | Matrix Type | Date | | | | | | | | |
| 1155836 | 0861_MW037_241028 | Water | 28 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 8.07 | 13.46 | 16.7 |
| 1155836 | 0861_QC101_241028 | Water | 28 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 7.45 | 12.77 | 16.3 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 2 |
| 1155836 | 0861_MW034_241029 | Water | 29 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.09 | 0.21 | 0.21 |
| 365539 | 0861_QC201_241029 | Water | 31 Oct 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.04 | - | 0.13 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 77 | - | 47 |
| 1155836 | 0861_MW033_241031 | Water | 31 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 1155836 | 0861_QC103_241031 | Water | 31 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | 0.06 | <0.1 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 1155836 | 0861_SW002_241031 | Water | 31 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.46 | 2.82 | 2.95 |
| 1155836 | 0861_QC101_241031 | Water | 31 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.51 | 3.04 | 3.18 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 8 |
| 1155836 | 0861_SW002_241031 | Water | 31 Oct 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.46 | 2.82 | 2.95 |
| 365537 | 0861_QC201_241031 | Water | 31 Oct 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 1.9 | - | 3.6 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 26 | - | 20 |
| 1155836 | 0861_MW025_241101 | Water | 01 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.97 | 3.57 | 3.84 |
| 365539 | 0861_QC201_241101 | Water | 01 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 2.6 | - | 4.6 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 28 | - | 18 |
| 1156536 | 0861_MW029_241104 | Water | 04 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5.9 | 8 | 9.35 |
| 365857 | 0861_QC201_241104 | Water | 04 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 7.7 | - | 11 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 26 | - | 16 |
| 1156536 | 0861_MW036_241104 | Water | 04 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.05 | 0.05 | <0.1 |
| 1156536 | 0861_QC101_241104 | Water | 04 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.07 | <0.1 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 0 |
| 1156536 | 0861_SW079_241105 | Water | 05 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 23 | 28.61 | 31.54 |
| 1156536 | 0861_QC102_241105 | Water | 05 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 22 | 28.26 | 31.78 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 |
| 1156536 | 0861_SW079_241105 | Water | 05 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 23 | 28.61 | 31.54 |
| 365856 | 0861_QC202_241105 | Water | 05 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 28 | - | 37 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 20 | - | 16 |
| 1158333 | 0861_SW018_241106 | Water | 06 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.51 | 0.6 | 0.63 |
| 1158333 | 0861_QC101_241106 | Water | 06 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.63 | 0.76 | 0.82 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 21 | 24 | 26 |
| 1158333 | 0861_SW018_241106 | Water | 06 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.51 | 0.6 | 0.63 |
| 366777 | 0861_QC201_241106 | Water | 06 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.48 | - | 0.57 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 6 | - | 10 |
| 1158333 | 0861_SW028_241107 | Water | 07 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.72 | 0.85 | 0.92 |
| 1158333 | 0861_QC105_241107 | Water | 07 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.64 | 0.77 | 0.83 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 12 | 10 | 10 |
| 1161658 | 0861_MW048_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.81 | 0.82 | 0.82 |
| 366900 | 0861_QC201_241112 | Water | 12 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 0.67 | - | 0.70 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 19 | - | 16 |
| 1161658 | 0861_MW049_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.91 | 1.17 | 1.28 |
| 1161658 | 0861_QC101_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.05 | 1.34 | 1.46 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 14 | 14 | 13 |
| 1161658 | 0861_SW025_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 1161658 | 0861_QC102_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW025_241112 | Water | 12 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 366899 | 0861_QC202_241112 | Water | 12 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | <0.01 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| 1161658 | 0861_SW052_241118 | Water | 18 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 1161658 | 0861_QC101_241118 | Water | 18 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1161658 | 0861_SW052_241118 | Water | 18 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 366899 | 0861_QC201_241118 | Water | 18 Nov 2024 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 | - | <0.01 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| 1164996 | 0861_MW054S_241126 | Water | 26 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | 0.12 | 0.12 |
| 1164996 | 0861_QC101_241126 | Water | 26 Nov 2024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | 0.12 | 0.12 |
| RPD | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*RPDs have only been considered where a concentration is greater than 1 times the EQL.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 ( > 30 x EQL) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) |
| | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| **Project ID** | **Field ID** | **Date** | **Lab Report Number** | **Sample Type** | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC502_241101 | 01 Nov 2024 | 1155836 | Trip_B | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241104 | 04 Nov 2024 | 1156536 | Trip_B | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241108 | 08 Nov 2024 | 1158339 | Trip_B | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241112 | 12 Nov 2024 | 1161658 | Trip_B | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241118 | 18 Nov 2024 | 1161658 | Trip_B | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |

| | | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | | 0.005 | 0.005 | 0.005 | 0.005 | 0.01 | 0.005 | 0.005 | 0.005 | 0.005 | 0.01 | 0.005 | 0.005 | 0.01 | 0.005 | 0.005 | 0.005 |
| **Project ID** | **Field ID** | **Date** | **Lab Report Number** | **Sample Type** | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_24a | 0861_QC502_241101 | 01 Nov 2024 | 1155836 | Trip_B | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* |
| QLD_0861_PFASOMP_24a | 0861_QC502_241104 | 04 Nov 2024 | 1156536 | Trip_B | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* |
| QLD_0861_PFASOMP_24a | 0861_QC502_241108 | 08 Nov 2024 | 1158339 | Trip_B | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* |
| QLD_0861_PFASOMP_24a | 0861_QC502_241112 | 12 Nov 2024 | 1161658 | Trip_B | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* |
| QLD_0861_PFASOMP_24a | 0861_QC502_241118 | 18 Nov 2024 | 1161658 | Trip_B | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.01* | *<0.005* | *<0.005* | *<0.005* |

| | | | | | PFAS | |
|---|---|---|---|---|---|---|
| | | | | | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | mg/kg | mg/kg |
| EQL | | | | | 0.01 | 0.05 |

| Project ID | Field ID | Date | Lab Report Number | Sample Type | | |
|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_24a | 0861_QC502_241101 | 01 Nov 2024 | 1155836 | Trip_B | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241104 | 04 Nov 2024 | 1156536 | Trip_B | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241108 | 08 Nov 2024 | 1158339 | Trip_B | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241112 | 12 Nov 2024 | 1161658 | Trip_B | <0.01 | <0.05 |
| QLD_0861_PFASOMP_24a | 0861_QC502_241118 | 18 Nov 2024 | 1161658 | Trip_B | <0.01 | <0.05 |

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | **Matrix Type** | | | | | | | | | | | | | | | |
| 0861_QC301_241028 | 28 Oct 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241031 | 31 Oct 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241101 | 01 Nov 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241104 | 04 Nov 2024 | Rinsate | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241105 | 05 Nov 2024 | Rinsate | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241106 | 06 Nov 2024 | Rinsate | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241108 | 08 Nov 2024 | Rinsate | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241112 | 12 Nov 2024 | Rinsate | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241118 | 18 Nov 2024 | Rinsate | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC301_241126 | 26 Nov 2024 | Rinsate | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC302_241030 | 30 Oct 2024 | Rinsate | 1156184 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC302_241126 | 26 Nov 2024 | Rinsate | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241028 | 28 Oct 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241031 | 31 Oct 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241101 | 01 Nov 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241104 | 04 Nov 2024 | Field_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241105 | 05 Nov 2024 | Field_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241106 | 06 Nov 2024 | Field_B | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241108 | 08 Nov 2024 | Field_B | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241112 | 12 Nov 2024 | Field_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241118 | 18 Nov 2024 | Field_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC401_241126 | 26 Nov 2024 | Field_B | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC402_241126 | 26 Nov 2024 | Field_B | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC501_241101 | 01 Nov 2024 | Trip_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC501_241104 | 04 Nov 2024 | Trip_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC501_241108 | 08 Nov 2024 | Trip_B | 1158339 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC501_241112 | 12 Nov 2024 | Trip_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC501_241126 | 26 Nov 2024 | Trip_B | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC502_241030 | 30 Oct 2024 | Trip_B | 1156184 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 0861_QC502_241126 | 26 Nov 2024 | Trip_B | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QC302_241107 | 07 Nov 2024 | Rinsate | 1158342 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 |
| **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | **Matrix Type** | | | | | | | | | | | | | | | |
| 0861_QC301_241028 | 28 Oct 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241031 | 31 Oct 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241101 | 01 Nov 2024 | Rinsate | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241104 | 04 Nov 2024 | Rinsate | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241105 | 05 Nov 2024 | Rinsate | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241106 | 06 Nov 2024 | Rinsate | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241108 | 08 Nov 2024 | Rinsate | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241112 | 12 Nov 2024 | Rinsate | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241118 | 18 Nov 2024 | Rinsate | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC301_241126 | 26 Nov 2024 | Rinsate | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC302_241030 | 30 Oct 2024 | Rinsate | 1156184 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC302_241126 | 26 Nov 2024 | Rinsate | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241028 | 28 Oct 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241031 | 31 Oct 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241101 | 01 Nov 2024 | Field_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241104 | 04 Nov 2024 | Field_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241105 | 05 Nov 2024 | Field_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241106 | 06 Nov 2024 | Field_B | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241108 | 08 Nov 2024 | Field_B | 1158333 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241112 | 12 Nov 2024 | Field_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241118 | 18 Nov 2024 | Field_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC401_241126 | 26 Nov 2024 | Field_B | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC402_241126 | 26 Nov 2024 | Field_B | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC501_241101 | 01 Nov 2024 | Trip_B | 1155836 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC501_241104 | 04 Nov 2024 | Trip_B | 1156536 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC501_241108 | 08 Nov 2024 | Trip_B | 1158339 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC501_241112 | 12 Nov 2024 | Trip_B | 1161658 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC501_241126 | 26 Nov 2024 | Trip_B | 1164991 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC502_241030 | 30 Oct 2024 | Trip_B | 1156184 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC502_241126 | 26 Nov 2024 | Trip_B | 1164996 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| QC302_241107 | 07 Nov 2024 | Rinsate | 1158342 | Water | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |

| | | | | | PFAS | |
|---|---|---|---|---|---|---|
| | | | | | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | µg/L | µg/L |
| EQL | | | | | 0.05 | 0.1 |

| Field ID | Date | Sample Type | Lab Report Number | Matrix Type | | |
|---|---|---|---|---|---|---|
| 0861_QC301_241028 | 28 Oct 2024 | Rinsate | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC301_241031 | 31 Oct 2024 | Rinsate | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC301_241101 | 01 Nov 2024 | Rinsate | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC301_241104 | 04 Nov 2024 | Rinsate | 1156536 | Water | <0.05 | <0.1 |
| 0861_QC301_241105 | 05 Nov 2024 | Rinsate | 1156536 | Water | <0.05 | <0.1 |
| 0861_QC301_241106 | 06 Nov 2024 | Rinsate | 1158333 | Water | <0.05 | <0.1 |
| 0861_QC301_241108 | 08 Nov 2024 | Rinsate | 1158333 | Water | <0.05 | <0.1 |
| 0861_QC301_241112 | 12 Nov 2024 | Rinsate | 1161658 | Water | <0.05 | <0.1 |
| 0861_QC301_241118 | 18 Nov 2024 | Rinsate | 1161658 | Water | <0.05 | <0.1 |
| 0861_QC301_241126 | 26 Nov 2024 | Rinsate | 1164991 | Water | <0.05 | <0.1 |
| 0861_QC302_241030 | 30 Oct 2024 | Rinsate | 1156184 | Water | <0.05 | <0.1 |
| 0861_QC302_241126 | 26 Nov 2024 | Rinsate | 1164996 | Water | <0.05 | <0.1 |
| 0861_QC401_241028 | 28 Oct 2024 | Field_B | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC401_241031 | 31 Oct 2024 | Field_B | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC401_241101 | 01 Nov 2024 | Field_B | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC401_241104 | 04 Nov 2024 | Field_B | 1156536 | Water | <0.05 | <0.1 |
| 0861_QC401_241105 | 05 Nov 2024 | Field_B | 1156536 | Water | <0.05 | <0.1 |
| 0861_QC401_241106 | 06 Nov 2024 | Field_B | 1158333 | Water | <0.05 | <0.1 |
| 0861_QC401_241108 | 08 Nov 2024 | Field_B | 1158333 | Water | <0.05 | <0.1 |
| 0861_QC401_241112 | 12 Nov 2024 | Field_B | 1161658 | Water | <0.05 | <0.1 |
| 0861_QC401_241118 | 18 Nov 2024 | Field_B | 1161658 | Water | <0.05 | <0.1 |
| 0861_QC401_241126 | 26 Nov 2024 | Field_B | 1164991 | Water | <0.05 | <0.1 |
| 0861_QC402_241126 | 26 Nov 2024 | Field_B | 1164996 | Water | <0.05 | <0.1 |
| 0861_QC501_241101 | 01 Nov 2024 | Trip_B | 1155836 | Water | <0.05 | <0.1 |
| 0861_QC501_241104 | 04 Nov 2024 | Trip_B | 1156536 | Water | <0.05 | <0.1 |
| 0861_QC501_241108 | 08 Nov 2024 | Trip_B | 1158339 | Water | <0.05 | <0.1 |
| 0861_QC501_241112 | 12 Nov 2024 | Trip_B | 1161658 | Water | <0.05 | <0.1 |
| 0861_QC501_241126 | 26 Nov 2024 | Trip_B | 1164991 | Water | <0.05 | <0.1 |
| 0861_QC502_241030 | 30 Oct 2024 | Trip_B | 1156184 | Water | <0.05 | <0.1 |
| 0861_QC502_241126 | 26 Nov 2024 | Trip_B | 1164996 | Water | <0.05 | <0.1 |
| QC302_241107 | 07 Nov 2024 | Rinsate | 1158342 | Water | <0.05 | <0.1 |

# Appendix E Calibration Certificates

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## Oil / Water Interface Meter

**Instrument** Geotech Interface Meter (30M)
**Serial No.** 4357

airmet
Air-Met Scientific Pty Ltd
[redacted]

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Compartment | ✓ | |
| | Capacity | ✓ | |
| | | | |
| | | | |
| **Probe** | Cleaned/Decon. | ✓ | |
| | Operation | ✓ | |
| | | | |
| **Connectors** | Condition | ✓ | |
| | | ✓ | |
| **Tape Check** | Cleaned | ✓ | |
| **Connectors** | Checked for cuts | ✓ | |
| | | | |
| | | | |
| **Instrument Test** | At surface level | ✓ | |
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## *Certificate of Calibration*

This is to certify that the above instrument has been cleaned and tested.

***Calibrated by:*** [redacted]

***Calibration date:*** **22/11/2024**

***Next calibration due:*** **20/05/2025**

**Multi Parameter Water Meter**

airmet

Air-Met Scientific Pty Ltd

[redacted]

**Instrument** **YSI Quatro Pro Plus**
**Serial No.** **16E103115**

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Charge Condition | ✓ | |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| | | | |
| **Switch/keypad** | Operation | ✓ | |
| **Display** | Intensity | ✓ | |
| | Operation (segments) | ✓ | |
| **Grill Filter** | Condition | ✓ | |
| | Seal | ✓ | |
| **PCB** | Condition | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Sensor** | 1. pH | ✓ | |
| | 2. mV | ✓ | |
| | 3. EC | ✓ | |
| | 4. D.O | ✓ | |
| | 5. Temp | ✓ | |
| | | | |
| **Alarms** | Beeper | | |
| | Settings | | |
| **Software** | Version | | |
| **Data logger** | Operation | | |
| **Download** | Operation | | |
| **Other tests:** | | | |

## *Certificate of Calibration*

This is to certify that the above instrument has been calibrated to the following specifications:

| Sensor | Serial no | Standard Solutions | Certified | Solution Bottle Number | Instrument Reading |
|---|---|---|---|---|---|
| 1. pH 7.00 | | pH 7.00 | | 433551 | pH 7.01 |
| 2. pH 4.00 | | pH 4.00 | | 429462 | pH 4.01 |
| 3. mV | | 231.3mV | | 434482/4352578 | 230.98mV |
| 4. EC | | 2760uS | | 429463 | 2761uS |
| 5. D.O | | 100% | | DI Water | 102.00% |
| 6. Temp | | 24oC | | MultiTherm | 24.1oC |

***Calibrated by:*** [redacted]

***Calibration date:*** **25-Nov-24**

***Next calibration due:*** **24-May-25**

## Oil / Water Interface Meter

airmet

Air-Met Scientific Pty Ltd

[redacted]

**Instrument** Interface Meter (60M)
**Serial No.** 312447

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Compartment | ✓ | |
| | Capacity | ✓ | |
| | | | |
| | | | |
| **Probe** | Cleaned/Decon. | ✓ | |
| | Operation | ✓ | |
| | | | |
| **Connectors** | Condition | ✓ | |
| | | ✓ | |
| **Tape Check** | Cleaned | ✓ | |
| | Checked for cuts | ✓ | |
| | | | |
| | | | |
| **Instrument Test** | At surface level | ✓ | |
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## *Certificate of Calibration*

This is to certify that the above instrument has been cleaned and tested.

***Calibrated by:*** [redacted]

***Calibration date:*** 18-Oct-24

***Next calibration due:*** 12/17/2024

**Multi Parameter Water Meter**

airmet

Air-Met Scientific Pty Ltd

[redacted]

**Instrument** YSI Quatro Pro Plus
**Serial No.** 22G103275

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Charge Condition | ✓ | |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| | | | |
| **Switch/keypad** | Operation | ✓ | |
| **Display** | Intensity | ✓ | |
| | Operation (segments) | ✓ | |
| **Grill Filter** | Condition | ✓ | |
| | Seal | ✓ | |
| **PCB** | Condition | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Sensor** | 1. pH | ✓ | |
| | 2. mV | ✓ | |
| | 3. EC | ✓ | |
| | 4. D.O | ✓ | |
| | 5. Temp | ✓ | |
| | | | |
| **Alarms** | Beeper | | |
| | Settings | | |
| **Software** | Version | | |
| **Data logger** | Operation | | |
| **Download** | Operation | | |
| **Other tests:** | | | |

## *Certificate of Calibration*

This is to certify that the above instrument has been calibrated to the following specifications:

| Sensor | Serial no | Standard Solutions | Certified | Solution Bottle Number | Instrument Reading |
|---|---|---|---|---|---|
| 1. pH7 | | pH 7.00 | | 413995 | pH 7.00 |
| 1. pH4 | | pH 4.00 | | 414104 | pH 4.00 |
| 2. ORP mV | | 226.52 | | 418135/418134 | 185.6 |
| 3. D.O | | 100% | | 420141 | 100% |
| 4. Conductivity | | 2760uS | | water | 2812 |
| 5.. Temp °C | | 23.4 | | MultiTherm | 24 |

***Calibrated by:*** [redacted]

***Calibration date:*** **07-Nov-24**

***Next calibration due:*** **06-May-25**

**Multi Parameter Water Meter**

airmet

Air-Met Scientific Pty Ltd

[redacted]

**Instrument** YSI Quatro Pro Plus
**Serial No.** 21B104021

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Charge Condition | ✓ | |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| | | | |
| **Switch/keypad** | Operation | ✓ | |
| **Display** | Intensity | ✓ | |
| | Operation (segments) | ✓ | |
| **Grill Filter** | Condition | ✓ | |
| | Seal | ✓ | |
| **PCB** | Condition | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Sensor** | 1. pH | ✓ | |
| | 2. mV | ✓ | |
| | 3. EC | ✓ | |
| | 4. D.O | ✓ | |
| | 5. Temp | ✓ | |
| | | | |
| **Alarms** | Beeper | | |
| | Settings | | |
| **Software** | Version | | |
| **Data logger** | Operation | | |
| **Download** | Operation | | |
| **Other tests:** | | | |

## *Certificate of Calibration*

This is to certify that the above instrument has been calibrated to the following specifications:

| Sensor | Serial no | Standard Solutions | Certified | Solution Bottle Number | Instrument Reading |
|---|---|---|---|---|---|
| 1. pH 7.00 | | pH 7.00 | | 413995 | pH 7.00 |
| 2. pH 4.00 | | pH 4.00 | | 414104 | pH 4.00 |
| 3. mV | | 236.64mv | | 426086/420152 | 240.8mV |
| 4. EC | | 1413uS/cm | | 424461 | 1413uS/cm |
| 5. D.O | | 0% | | 407802 | 0.0% |
| 6. Temp | | 18.7 | | MultiTherm | 18.8°C |

***Calibrated by:*** [redacted]

***Calibration date:*** 25/10/2024

***Next calibration due:*** 24/11/2024

## Oil / Water Interface Meter

**Instrument** Interface Meter (60M)
**Serial No.** 483919

airmet
Air-Met Scientific Pty Ltd
[redacted]

| Item | Test | Pass | Comments |
|---|---|---|---|
| Battery | Compartment | ✓ | |
| | Capacity | ✓ | |
| | | | |
| | | | |
| Probe | Cleaned/Decon. | ✓ | |
| | Operation | ✓ | |
| | | | |
| Connectors | Condition | ✓ | |
| | | ✓ | |
| Tape Check | Cleaned | ✓ | |
| | Checked for cuts | ✓ | |
| | | | |
| | | | |
| Instrument Test | At surface level | ✓ | |
| | | | |
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## *Certificate of Calibration*

This is to certify that the above instrument has been cleaned and tested.

***Calibrated by:*** [redacted]

***Calibration date:*** 18-Oct-24

***Next calibration due:*** 20/04/2025

# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 28/10/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 28/10/24 | 7.10am | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
| | | EC | |
| | | | |
| | | | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 29/10/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: Solution set from Airnet |

| DATE | TIME | READING | COMMENTS |
|---|---|---|---|
| 29/10/24 | 10:00 am | pH 4 | calibrated as per standerd |
| 29/10/24 | 10:04 am | pH 7 | " |
| 29/10/24 | 10:08 am | DO | " |
| 29/10/24 | 10:12 am | ORP | " |
| 29/10/24 | 10:16 am | EC | " |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: IP, Shovel, Van dorn | | | |
|---|---|---|---|
| 1 Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | |
| — | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 31/10/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 31/10/24 | 7:45am | pH4 | cf per Standard |
| | | pH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP act ang | PROJECT NO: 66133 |
| FIELDWORK DATES: 1/11/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| | |
|---|---|
| EQUIPMENT: YSI | |
| CALIBRATION STANDARD: | |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 1/11/24 | 8:00 am | pH4 | as per standard |
| | | pH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley GMP Oct24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 4/11/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: GMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| | |
|---|---|
| EQUIPMENT: YSI | |
| CALIBRATION STANDARD: | |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 4/11/24 | 7:52 am | PH4 | as per Standard |
| | | PH7 | \| |
| | | ORP | \| |
| | | DO | \| |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| **PROJECT NAME:** RAAF Amberley OMP Oct 24 | **PROJECT NO:** 66133 |
| **FIELDWORK DATES:** 5/11 | **SAMPLERS:** [redacted] |
| **TYPE OF INVESTIGATION:** OMP monitoring | **PROJECT MANAGER:** [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| **EQUIPMENT:** YSI |
| **CALIBRATION STANDARD:** |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 5/11/24 | 7-50am | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| **EQUIPMENT:** | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| **WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS** | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: ~~6/11/24~~ 6/11 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 6/11/24 | 7.50am | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: [redacted] 7/11/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| **EQUIPMENT:** YSI |
| **CALIBRATION STANDARD:** |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| [redacted] | 7.40am | PH4 | As per standard |
| 7/11/24 | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

**EQUIPMENT:**

| | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |

**WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS**


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 8/11/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 8/11/24 | 7.40am | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 12/11/24 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 12/11/24 | 7.50am | PH4 | As per standard |
| | | PH 7 | ↓ |
| | | ORP | |
| | | EC | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: RAAF Amberley OMP Oct 24 | PROJECT NO: 66133 |
| FIELDWORK DATES: 18/11/24 | SAMPLERS [redacted] |
| TYPE OF INVESTIGATION: OMP monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 18/11/24 | 7.40am | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Appendix F Laboratory Certificates

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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365537

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 05/11/2024 |
| **Date completed instructions received** | 05/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 12/11/2024 |
| **Date of Issue** | 06/11/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted]

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365537-1 |
| Your Reference | UNITS | 0861_QC201_24 1031 |
| Date Sampled | | 31/10/2024 |
| Type of sample | | Water |
| Date prepared | - | 05/11/2024 |
| Date analysed | - | 05/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.08 |
| Perfluoropentanesulfonic acid | µg/L | 0.06 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.63 |
| Perfluoroheptanesulfonic acid | µg/L | 0.03 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 1.3 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | 0.2 |
| Perfluoropentanoic acid | µg/L | 0.48 |
| Perfluorohexanoic acid | µg/L | 0.44 |
| Perfluoroheptanoic acid | µg/L | 0.21 |
| Perfluorooctanoic acid PFOA | µg/L | 0.13 |
| Perfluorononanoic acid | µg/L | 0.03 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | 0.02 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 94 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 93 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 100 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 93 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 71 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365537-1 |
| Your Reference | UNITS | 0861_QC201_241031 |
| Date Sampled | | 31/10/2024 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 68 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 95 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 97 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 96 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 92 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 87 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 90 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 88 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 77 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 107 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 104 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 93 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 97 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 96 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 87 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 85 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 102 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 98 |
| Total Positive PFHxS & PFOS | µg/L | 1.9 |
| Total Positive PFOA & PFOS | µg/L | 1.4 |
| Total Positive PFAS | µg/L | 3.6 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 05/11/2024 | 1 | 05/11/2024 | 05/11/2024 | | 05/11/2024 | |
| Date analysed | - | | | 05/11/2024 | 1 | 05/11/2024 | 05/11/2024 | | 05/11/2024 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.08 | 0.08 | 0 | 99 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.06 | 0.06 | 0 | 101 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.63 | 0.61 | 3 | 99 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.03 | 0.03 | 0 | 90 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 1.3 | 1.3 | 0 | 105 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 116 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | 0.2 | 0.20 | 0 | 97 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | 0.48 | 0.46 | 4 | 92 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.44 | 0.44 | 0 | 101 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.21 | 0.21 | 0 | 96 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.13 | 0.12 | 8 | 99 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.03 | 0.03 | 0 | 89 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 95 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 108 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 94 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 117 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 102 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 103 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.02 | 0.02 | 0 | 101 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 91 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 93 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 99 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 93 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 99 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 105 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 99 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 98 | |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 98 | 1 | 94 | 95 | 1 | 101 | |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 94 | 1 | 93 | 94 | 1 | 94 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 107 | 1 | 100 | 100 | 0 | 97 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 93 | 1 | 93 | 94 | 1 | 94 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 75 | 1 | 71 | 71 | 0 | 78 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 98 | 1 | 68 | 69 | 1 | 97 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 103 | 1 | 95 | 97 | 2 | 99 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 102 | 1 | 97 | 95 | 2 | 96 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 101 | 1 | 96 | 97 | 1 | 97 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 95 | 1 | 92 | 94 | 2 | 94 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 89 | 1 | 87 | 89 | 2 | 85 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 91 | 1 | 90 | 95 | 5 | 92 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 93 | 1 | 88 | 91 | 3 | 86 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 97 | 1 | 93 | 93 | 0 | 94 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 80 | 1 | 77 | 83 | 8 | 73 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 113 | 1 | 107 | 114 | 6 | 102 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 102 | 1 | 96 | 97 | 1 | 91 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 99 | 1 | 104 | 105 | 1 | 101 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 100 | 1 | 93 | 96 | 3 | 92 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 100 | 1 | 97 | 98 | 1 | 97 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 99 | 1 | 96 | 96 | 0 | 97 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 94 | 1 | 87 | 92 | 6 | 91 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 91 | 1 | 85 | 89 | 5 | 88 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 103 | 1 | 102 | 103 | 1 | 101 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 100 | 1 | 98 | 101 | 3 | 96 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Surface Water

Pls fwd to Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE [redacted]

SEND REPORT & IN [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 1) 0861_QC201_241031 | water | 31/10 | | 1 x bottle | | X | | | |
| ~~0861_QC[redacted]24~~ | 1 | | | | | | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 365537
Date Received: 5/11/24
Time Received: 0900
Received By: ue
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1/11/2024 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: 5/11/24 | COOLER TEMP ..... deg C |
| NAME: [redacted] DATE: | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP 8 deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd; V = Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)

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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365538

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Sediment |
| **Date samples received** | 05/11/2024 |
| **Date completed instructions received** | 05/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 12/11/2024 |
| **Date of Issue** | 12/11/2024 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] Senior Chemist
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Soils Extended | | |
|---|---|---|
| Our Reference | | 365538-1 |
| Your Reference | UNITS | 0861_QC201_24 1031 |
| Date Sampled | | 31/10/2024 |
| Type of sample | | Sediment |
| Date prepared | - | 12/11/2024 |
| Date analysed | - | 12/11/2024 |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 |
| Perfluoropentanesulfonic acid | µg/kg | 0.2 |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 3.0 |
| Perfluoroheptanesulfonic acid | µg/kg | 0.5 |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 62 |
| Perfluorodecanesulfonic acid | µg/kg | 6.9 |
| Perfluorobutanoic acid | µg/kg | 0.3 |
| Perfluoropentanoic acid | µg/kg | 1 |
| Perfluorohexanoic acid | µg/kg | 1.1 |
| Perfluoroheptanoic acid | µg/kg | 0.7 |
| Perfluorooctanoic acid PFOA | µg/kg | 1 |
| Perfluorononanoic acid | µg/kg | 1.1 |
| Perfluorodecanoic acid | µg/kg | 2 |
| Perfluoroundecanoic acid | µg/kg | 2 |
| Perfluorododecanoic acid | µg/kg | 2 |
| Perfluorotridecanoic acid | µg/kg | 0.6 |
| Perfluorotetradecanoic acid | µg/kg | <5 |
| 4:2 FTS | µg/kg | <0.1 |
| 6:2 FTS | µg/kg | <0.1 |
| 8:2 FTS | µg/kg | <0.2 |
| 10:2 FTS | µg/kg | <0.2 |
| Perfluorooctane sulfonamide | µg/kg | <1 |
| N-Methyl perfluorooctane sulfonamide | µg/kg | <1 |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | <1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | <1 |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | <5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | <0.2 |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | <0.2 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 99 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 103 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 88 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 91 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 88 |

| PFAS in Soils Extended | | |
|---|---|---|
| Our Reference | | 365538-1 |
| Your Reference | UNITS | 0861_QC201_241031 |
| Date Sampled | | 31/10/2024 |
| Type of sample | | Sediment |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 88 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 89 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 88 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 91 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 88 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 86 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 57 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 83 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 75 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 109 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 95 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 104 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 53 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 86 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 79 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 86 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 84 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 87 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 76 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 69 |
| Total Positive PFHxS & PFOS | µg/kg | 65 |
| Total Positive PFOS & PFOA | µg/kg | 63 |
| Total Positive PFAS | µg/kg | 84 |

| Moisture | | |
|---|---|---|
| Our Reference | | 365538-1 |
| Your Reference | UNITS | 0861_QC201_241031 |
| Date Sampled | | 31/10/2024 |
| Type of sample | | Sediment |
| Date prepared | - | 11/11/2024 |
| Date analysed | - | 12/11/2024 |
| Moisture | % | 44 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-008** | Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours. |
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| Date prepared | - | | | 12/11/2024 | | | | | 12/11/2024 | |
| Date analysed | - | | | 12/11/2024 | | | | | 12/11/2024 | |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 92 | |
| Perfluoropentanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 87 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 92 | |
| Perfluoroheptanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 86 | |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 91 | |
| Perfluorodecanesulfonic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 90 | |
| Perfluorobutanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 92 | |
| Perfluoropentanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 92 | |
| Perfluorohexanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 90 | |
| Perfluoroheptanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 90 | |
| Perfluorooctanoic acid PFOA | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 89 | |
| Perfluorononanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 91 | |
| Perfluorodecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 88 | |
| Perfluoroundecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 90 | |
| Perfluorododecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 87 | |
| Perfluorotridecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 87 | |
| Perfluorotetradecanoic acid | µg/kg | 5 | Org-029 | <5 | | | | | 80 | |
| 4:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 94 | |
| 6:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 96 | |
| 8:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 97 | |
| 10:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 98 | |
| Perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 96 | |
| N-Methyl perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 96 | |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | 1 | Org-029 | <1 | | | | | 95 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | 1 | Org-029 | <1 | | | | | 96 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | 5 | Org-029 | <5 | | | | | 94 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 93 | |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 91 | |
| *Surrogate $^{13}C_8$ PFOS* | % | | Org-029 | 104 | | | | | 100 | |
| *Surrogate $^{13}C_2$ PFOA* | % | | Org-029 | 96 | | | | | 99 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 110 | | | | | 108 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 113 | | | | | 115 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 110 | | | | | 111 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 108 | | | | | 105 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 111 | | | | | 105 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 107 | | | | | 106 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 113 | | | | | 110 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 113 | | | | | 108 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 116 | | | | | 110 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 115 | | | | | 109 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 120 | | | | | 109 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 116 | | | | | 113 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 141 | | | | | 141 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 110 | | | | | 110 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 113 | | | | | 111 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 110 | | | | | 112 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 118 | | | | | 112 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 112 | | | | | 107 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 109 | | | | | 104 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 108 | | | | | 108 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | | Org-029 | 112 | | | | | 110 | |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | | Org-029 | 113 | | | | | 108 | |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | | Org-029 | 112 | | | | | 110 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Sediment

Pls fwd to Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: [redacted]

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

please use Sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 1) 0861_QC202_24 [redacted]031 | Sed | 31/10 | | 1 x tub | | X | | | |
| 0861_QC _24 | | | | | | | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 365538

Date Received: 5/11/24

Time Received: 0900

Received By: LC

Temp: Cool/Ambient

Cooling: Ice/Icepack

Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1 /11 /2024 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: | COOLER TEMP ..... deg C |
| NAME: [redacted] DATE: | CONSIGNMENT NOTE NO. | OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365539

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 2 Water |
| **Date samples received** | 05/11/2024 |
| **Date completed instructions received** | 05/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 12/11/2024 |
| **Date of Issue** | 06/11/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted], Senior Chemist

**Authorised By**
[redacted], Laboratory Manager

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | | 365539-1 | 365539-2 |
| Your Reference | UNITS | 0861_QC201_24 1029 | 0861_QC201_24 1101 |
| Date Sampled | | 31/10/2024 | 01/11/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 05/11/2024 | 05/11/2024 |
| Date analysed | - | 05/11/2024 | 05/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | <0.01 | 0.21 |
| Perfluoropentanesulfonic acid | µg/L | <0.01 | 0.18 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | <0.01 | 1.2 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 | 0.05 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.04 | 1.4 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 | 0.28 |
| Perfluoropentanoic acid | µg/L | <0.02 | 0.38 |
| Perfluorohexanoic acid | µg/L | <0.01 | 0.53 |
| Perfluoroheptanoic acid | µg/L | <0.01 | 0.13 |
| Perfluorooctanoic acid PFOA | µg/L | <0.01 | 0.15 |
| Perfluorononanoic acid | µg/L | <0.01 | 0.02 |
| Perfluorodecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 | <0.5 |
| 4:2 FTS | µg/L | <0.01 | <0.01 |
| 6:2 FTS | µg/L | 0.09 | 0.03 |
| 8:2 FTS | µg/L | <0.02 | <0.02 |
| 10:2 FTS | µg/L | <0.02 | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 101 | 94 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 94 | 93 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 100 | 97 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 92 | 93 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 76 | 76 |

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | | 365539-1 | 365539-2 |
| Your Reference | UNITS | 0861_QC201_241029 | 0861_QC201_241101 |
| Date Sampled | | 31/10/2024 | 01/11/2024 |
| Type of sample | | Water | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 84 | 97 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 101 | 100 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 92 | 95 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 98 | 96 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 94 | 93 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 89 | 87 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 91 | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 94 | 90 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 92 | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 85 | 73 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 105 | 102 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 90 | 95 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 98 | 102 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 89 | 94 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 99 | 96 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 98 | 97 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 88 | 92 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 88 | 89 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 103 | 99 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 96 | 96 |
| Total Positive PFHxS & PFOS | µg/L | 0.04 | 2.6 |
| Total Positive PFOA & PFOS | µg/L | 0.04 | 1.6 |
| Total Positive PFAS | µg/L | 0.13 | 4.6 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 365539-2 |
| Date prepared | - | | | 05/11/2024 | 1 | 05/11/2024 | 05/11/2024 | | 05/11/2024 | 05/11/2024 |
| Date analysed | - | | | 05/11/2024 | 1 | 05/11/2024 | 05/11/2024 | | 05/11/2024 | 05/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 99 | 91 |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 101 | 98 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 99 | 99 |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 90 | 90 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.04 | 0.03 | 29 | 105 | 87 |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 116 | 116 |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | 96 |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 92 | 92 |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 101 | 101 |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 96 | 95 |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 99 | 103 |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 89 | 82 |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 95 | 90 |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 108 | 106 |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 94 | 95 |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 117 | 106 |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 102 | 98 |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 103 | 99 |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.09 | 0.09 | 0 | 101 | 94 |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | 100 |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 91 | 95 |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 93 | 86 |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 99 | 100 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 93 | 95 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 99 | 99 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 105 | 107 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 99 | 100 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 98 | 91 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 98 | 1 | 101 | 100 | 1 | 101 | 93 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 94 | 1 | 94 | 95 | 1 | 94 | 96 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 365539-2 |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 107 | 1 | 100 | 102 | 2 | 97 | 101 |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 93 | 1 | 92 | 92 | 0 | 94 | 94 |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 75 | 1 | 76 | 76 | 0 | 78 | 81 |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 98 | 1 | 84 | 85 | 1 | 97 | 96 |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 103 | 1 | 101 | 99 | 2 | 99 | 98 |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 102 | 1 | 92 | 95 | 3 | 96 | 95 |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 101 | 1 | 98 | 97 | 1 | 97 | 97 |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 95 | 1 | 94 | 94 | 0 | 94 | 91 |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 89 | 1 | 89 | 87 | 2 | 85 | 89 |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 91 | 1 | 91 | 94 | 3 | 92 | 94 |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 93 | 1 | 94 | 94 | 0 | 86 | 91 |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 97 | 1 | 92 | 88 | 4 | 94 | 93 |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 80 | 1 | 85 | 82 | 4 | 73 | 81 |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 113 | 1 | 105 | 102 | 3 | 102 | 102 |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 102 | 1 | 90 | 89 | 1 | 91 | 93 |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 99 | 1 | 98 | 102 | 4 | 101 | 99 |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 100 | 1 | 89 | 90 | 1 | 92 | 92 |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 100 | 1 | 99 | 97 | 2 | 97 | 99 |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 99 | 1 | 98 | 96 | 2 | 97 | 98 |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 94 | 1 | 88 | 93 | 6 | 91 | 93 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 365539-2 |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 91 | 1 | 88 | 89 | 1 | 88 | 89 |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 103 | 1 | 103 | 106 | 3 | 101 | 98 |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 100 | 1 | 96 | 98 | 2 | 96 | 100 |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

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Measurement Uncertainty estimates are available for most tests upon request.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Groundwater

Please fwd Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

use sample ID for results

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC201_241029 | water | 31/10 | | 1x bottle | | X | | | |
| 2 | 0861_QC201_241101 | 1 | 1/11 | | 1 | | X | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

ENVIROLAB

Job No: 369539

Date Received: 5/11/24

Time Received: 0900

Received By: ME

Temp: Cool/Ambient

Cooling: Ice/Icepack

Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1/11/2024 | CONSIGNMENT NOTE NO. | NAME [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other



© 2011-2019 JBS&G Australia Pty Ltd

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365856

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 08/11/2024 |
| **Date completed instructions received** | 08/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 15/11/2024 |
| **Date of Issue** | 13/11/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] LC/Air Toxics Supervisor

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365856-1 |
| Your Reference | UNITS | 0861_QC202_24 1105 |
| Date Sampled | | 05/11/2024 |
| Type of sample | | Water |
| Date prepared | - | 08/11/2024 |
| Date analysed | - | 08/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 1.7 |
| Perfluoropentanesulfonic acid | µg/L | 2.0 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 14 |
| Perfluoroheptanesulfonic acid | µg/L | 0.90 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 14 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | 0.36 |
| Perfluoropentanoic acid | µg/L | 0.69 |
| Perfluorohexanoic acid | µg/L | 2.8 |
| Perfluoroheptanoic acid | µg/L | 0.43 |
| Perfluorooctanoic acid PFOA | µg/L | 0.74 |
| Perfluorononanoic acid | µg/L | 0.02 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | 0.02 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 101 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 101 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 104 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 94 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 97 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365856-1 |
| Your Reference | UNITS | 0861_QC202_241105 |
| Date Sampled | | 05/11/2024 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 90 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 99 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 100 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 93 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 104 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 94 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 101 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 104 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 87 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 110 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 107 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 114 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 106 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 99 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 93 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 101 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 100 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 106 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 113 |
| Total Positive PFHxS & PFOS | µg/L | 28 |
| Total Positive PFOA & PFOS | µg/L | 15 |
| Total Positive PFAS | µg/L | 37 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W2 | [NT] |
| Date prepared | - | | | 08/11/2024 | | | | | 08/11/2024 | |
| Date analysed | - | | | 08/11/2024 | | | | | 08/11/2024 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 103 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 112 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 105 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 106 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 104 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 99 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 103 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 103 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 105 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 110 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | | | | | 108 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 104 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 104 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 105 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | | | | | 103 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | | | | | 101 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | | | | | 103 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 105 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 99 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 106 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 107 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 109 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | | | | | 110 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 106 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | | | | | 106 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | | | | | 112 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 111 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 105 | |
| *Surrogate $^{13}C_8$ PFOS* | % | | Org-029 | 97 | | | | | 98 | |
| *Surrogate $^{13}C_2$ PFOA* | % | | Org-029 | 102 | | | | | 100 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W2 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 99 | | | | | 100 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 101 | | | | | 101 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 99 | | | | | 100 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 104 | | | | | 104 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 101 | | | | | 101 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 101 | | | | | 102 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 98 | | | | | 97 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 100 | | | | | 100 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 102 | | | | | 99 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 101 | | | | | 101 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 103 | | | | | 99 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 107 | | | | | 100 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 91 | | | | | 92 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 104 | | | | | 106 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 104 | | | | | 103 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 111 | | | | | 108 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 109 | | | | | 99 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 101 | | | | | 97 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 99 | | | | | 93 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 107 | | | | | 101 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W2 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 97 | | | | | 92 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 104 | | | | | 104 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 104 | | | | | 108 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
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Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

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Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Surface Water

P/s fwd Envirolab

**Chain of Custody**

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT & IN [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**
please use sample ID for results

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC202_241106 | water | 5/11/24 | | 1x bottle | | X | | | |
| | 0861_QC _24 | | | | | | | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

ENVIROLAB

Job No: 365356
Date Received: 8/11/24
Time Received: 0945
Received By: LCC
Temp: Cool/Ambient 6°C
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: E[redacted] 5/11/2024 | CONSIGNMENT NOTE NO. | NA[redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DA | |
| NAME: | CONSIGNMENT NOTE NO. | OF: | COOLER TEMP ..... deg C |
| OF: | TRANSPORT CO | NA[redacted] OF: ELS SYD | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| | | | COOLER TEMP 6 deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)

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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365857

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 08/11/2024 |
| **Date completed instructions received** | 08/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 15/11/2024 |
| **Date of Issue** | 14/11/2024 |

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**Results Approved By**
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365857-1 |
| Your Reference | UNITS | 0861_QC201_24 1104 |
| Date Sampled | | 04/11/2024 |
| Type of sample | | Water |
| Date prepared | - | 12/11/2024 |
| Date analysed | - | 12/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.64 |
| Perfluoropentanesulfonic acid | µg/L | 0.69 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 4.4 |
| Perfluoroheptanesulfonic acid | µg/L | 0.28 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 3.3 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | 0.1 |
| Perfluoropentanoic acid | µg/L | 0.2 |
| Perfluorohexanoic acid | µg/L | 0.75 |
| Perfluoroheptanoic acid | µg/L | 0.13 |
| Perfluorooctanoic acid PFOA | µg/L | 0.22 |
| Perfluorononanoic acid | µg/L | <0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | <0.01 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 95 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 102 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 105 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 109 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 109 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 365857-1 |
| Your Reference | UNITS | 0861_QC201_241104 |
| Date Sampled | | 04/11/2024 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 82 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 95 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 99 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 103 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 100 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 107 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 105 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 115 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 103 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 91 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 59 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 62 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 77 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 106 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 104 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 102 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 102 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 103 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 85 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 88 |
| Total Positive PFHxS & PFOS | µg/L | 7.7 |
| Total Positive PFOA & PFOS | µg/L | 3.5 |
| Total Positive PFAS | µg/L | 11 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 12/11/2024 | | | | | 12/11/2024 | |
| Date analysed | - | | | 12/11/2024 | | | | | 12/11/2024 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 92 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 97 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 98 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 98 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 97 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 98 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 94 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 92 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 94 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 94 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | | | | | 95 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 99 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 95 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 88 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | | | | | 95 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | | | | | 79 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | | | | | 83 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 99 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 98 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 95 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 96 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 96 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | | | | | 94 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 91 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | | | | | 107 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | | | | | 97 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 92 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 91 | |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 98 | | | | | 105 | |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 98 | | | | | 101 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 105 | | | | | 106 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 107 | | | | | 108 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 107 | | | | | 106 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 107 | | | | | 106 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 106 | | | | | 105 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 103 | | | | | 103 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 106 | | | | | 107 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 109 | | | | | 106 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 107 | | | | | 108 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 108 | | | | | 114 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 111 | | | | | 117 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 101 | | | | | 104 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 87 | | | | | 92 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 111 | | | | | 103 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 113 | | | | | 111 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 121 | | | | | 114 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 112 | | | | | 108 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 102 | | | | | 102 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 101 | | | | | 103 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 99 | | | | | 95 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 103 | | | | | 101 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 118 | | | | | 110 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 111 | | | | | 109 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Groundwater

Pls fwd Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO:

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC201_241104 | water | 4/11/24 | | 1x bottle | | X | | | |
| | 0861_QC _24 | | | | | | | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

ENVIROLAB GROUP

Job No: 365357

Date Received: 8/11/24

Time Received: 0915

Received By: KC

Temp: Cool/Ambient 8°C

Cooling: Ice/Icepack

Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 5/11/2024 | CONSIGNMENT NOTE NO. | NA [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DA | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: Katherine DATE: 8/11/24 | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: ENVS | COOLER TEMP 8 deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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**Envirolab Services Pty Ltd**
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www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 365858

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Soil |
| **Date samples received** | 08/11/2024 |
| **Date completed instructions received** | 08/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 15/11/2024 |
| **Date of Issue** | 14/11/2024 |

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**Results Approved By**
[redacted] Senior Chemist
Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Soils Extended | | |
|---|---|---|
| Our Reference | | 365858-1 |
| Your Reference | UNITS | 0861_QC201_24 1105 |
| Date Sampled | | 05/11/2024 |
| Type of sample | | Soil |
| Date prepared | - | 11/11/2024 |
| Date analysed | - | 12/11/2024 |
| Perfluorobutanesulfonic acid | µg/kg | 0.8 |
| Perfluoropentanesulfonic acid | µg/kg | 1 |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 11 |
| Perfluoroheptanesulfonic acid | µg/kg | 1 |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 66 |
| Perfluorodecanesulfonic acid | µg/kg | 0.5 |
| Perfluorobutanoic acid | µg/kg | <0.2 |
| Perfluoropentanoic acid | µg/kg | 0.4 |
| Perfluorohexanoic acid | µg/kg | 1.4 |
| Perfluoroheptanoic acid | µg/kg | 0.3 |
| Perfluorooctanoic acid PFOA | µg/kg | 0.8 |
| Perfluorononanoic acid | µg/kg | <0.1 |
| Perfluorodecanoic acid | µg/kg | <0.5 |
| Perfluoroundecanoic acid | µg/kg | <0.5 |
| Perfluorododecanoic acid | µg/kg | <0.5 |
| Perfluorotridecanoic acid | µg/kg | <0.5 |
| Perfluorotetradecanoic acid | µg/kg | <5 |
| 4:2 FTS | µg/kg | <0.1 |
| 6:2 FTS | µg/kg | <0.1 |
| 8:2 FTS | µg/kg | <0.2 |
| 10:2 FTS | µg/kg | <0.2 |
| Perfluorooctane sulfonamide | µg/kg | <1 |
| N-Methyl perfluorooctane sulfonamide | µg/kg | <1 |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | <1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | <1 |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | <5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | <0.2 |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | <0.2 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 104 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 99 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 98 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 98 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 90 |

| PFAS in Soils Extended | | |
|---|---|---|
| Our Reference | | 365858-1 |
| Your Reference | UNITS | 0861_QC201_241105 |
| Date Sampled | | 05/11/2024 |
| Type of sample | | Soil |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 93 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 92 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 92 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 96 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 94 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 92 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 99 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 123 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 105 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 111 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 96 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 93 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 91 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 92 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 96 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 102 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 94 |
| Total Positive PFHxS & PFOS | µg/kg | 76 |
| Total Positive PFOS & PFOA | µg/kg | 66 |
| Total Positive PFAS | µg/kg | 83 |

| Moisture | | |
|---|---|---|
| Our Reference | | 365858-1 |
| Your Reference | UNITS | 0861_QC201_241105 |
| Date Sampled | | 05/11/2024 |
| Type of sample | | Soil |
| Date prepared | - | 11/11/2024 |
| Date analysed | - | 12/11/2024 |
| Moisture | % | 44 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-008** | Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours. |
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| Date prepared | - | | | 11/11/2024 | | | | | 11/11/2024 | |
| Date analysed | - | | | 12/11/2024 | | | | | 12/11/2024 | |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 94 | |
| Perfluoropentanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 94 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 98 | |
| Perfluoroheptanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 95 | |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 92 | |
| Perfluorodecanesulfonic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 93 | |
| Perfluorobutanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 92 | |
| Perfluoropentanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 91 | |
| Perfluorohexanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 92 | |
| Perfluoroheptanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 88 | |
| Perfluorooctanoic acid PFOA | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 85 | |
| Perfluorononanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 88 | |
| Perfluorodecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 89 | |
| Perfluoroundecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 88 | |
| Perfluorododecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 91 | |
| Perfluorotridecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 92 | |
| Perfluorotetradecanoic acid | µg/kg | 5 | Org-029 | <5 | | | | | 80 | |
| 4:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 95 | |
| 6:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 97 | |
| 8:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 101 | |
| 10:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 101 | |
| Perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 95 | |
| N-Methyl perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 95 | |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | 1 | Org-029 | <1 | | | | | 90 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | 1 | Org-029 | <1 | | | | | 100 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | 5 | Org-029 | <5 | | | | | 95 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 94 | |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 93 | |
| *Surrogate $^{13}C_8$ PFOS* | % | | Org-029 | 98 | | | | | 103 | |
| *Surrogate $^{13}C_2$ PFOA* | % | | Org-029 | 98 | | | | | 96 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 107 | | | | | 104 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 104 | | | | | 104 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 110 | | | | | 107 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 106 | | | | | 104 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 105 | | | | | 103 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 102 | | | | | 99 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 107 | | | | | 109 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 111 | | | | | 111 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 108 | | | | | 114 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 111 | | | | | 107 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 106 | | | | | 111 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 115 | | | | | 110 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 139 | | | | | 137 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 110 | | | | | 106 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 108 | | | | | 108 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 115 | | | | | 108 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 114 | | | | | 111 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 110 | | | | | 112 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 112 | | | | | 113 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 106 | | | | | 105 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | | Org-029 | 111 | | | | | 109 | |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | | Org-029 | 109 | | | | | 111 | |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | | Org-029 | 107 | | | | | 107 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Sediment

Pls fwd Envirolab

**Chain of Custody**

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

pls use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241105 | Sed | 5/11/24 | | 1x tub | | X | | | |
| 0861_QC _24 | | | | | | | | | |

ENVIROLAB

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 365358

Date Received: 8/11/24

Time Received: 0915

Received By: KC

Temp: Cool/Ambient

Cooling: Ice/Icepack

Security: Intact/Broken/None

B-C

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: 13.6°C | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024 | CONSIGNMENT NOTE NO. | [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: ELS | COOLER TEMP 3 deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other



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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 366584

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 2 Soil |
| **Date samples received** | 15/11/2024 |
| **Date completed instructions received** | 18/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

**Please refer to the last page of this report for any comments relating to the results.**

## Report Details

| | |
|---|---|
| **Date results requested by** | 25/11/2024 |
| **Date of Issue** | 22/11/2024 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] Senior Chemist
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 366584-1 | 366584-2 |
| Your Reference | UNITS | 0861_QC202_24 1106 | 0861_QC205_24 1107 |
| Date Sampled | | 06/11/2024 | 07/11/2024 |
| Type of sample | | Soil | Soil |
| Date prepared | - | 19/11/2024 | 19/11/2024 |
| Date analysed | - | 19/11/2024 | 19/11/2024 |
| Perfluorobutanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluoropentanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.9 | 1 |
| Perfluoroheptanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 7.7 | 26 |
| Perfluorodecanesulfonic acid | µg/kg | 0.4 | 0.6 |
| Perfluorobutanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluoropentanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluorohexanoic acid | µg/kg | 0.2 | <0.1 |
| Perfluoroheptanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanoic acid PFOA | µg/kg | <0.1 | <0.1 |
| Perfluorononanoic acid | µg/kg | <0.5 | <0.1 |
| Perfluorodecanoic acid | µg/kg | <2 | <0.5 |
| Perfluoroundecanoic acid | µg/kg | <5 | <0.5 |
| Perfluorododecanoic acid | µg/kg | <5 | <0.5 |
| Perfluorotridecanoic acid | µg/kg | <5 | <0.5 |
| Perfluorotetradecanoic acid | µg/kg | <50 | <5 |
| 4:2 FTS | µg/kg | <0.1 | <0.1 |
| 6:2 FTS | µg/kg | <0.1 | <0.1 |
| 8:2 FTS | µg/kg | <1 | <0.2 |
| 10:2 FTS | µg/kg | <1 | <0.2 |
| Perfluorooctane sulfonamide | µg/kg | <5 | <1 |
| N-Methyl perfluorooctane sulfonamide | µg/kg | <5 | <1 |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | <5 | <1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | <1 | <1 |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | <5 | <5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | <1 | <0.2 |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | <1 | <0.2 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 96 | 102 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 100 | 101 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 89 | 88 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 92 | 104 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 73 | 91 |

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 366584-1 | 366584-2 |
| Your Reference | UNITS | 0861_QC202_241106 | 0861_QC205_241107 |
| Date Sampled | | 06/11/2024 | 07/11/2024 |
| Type of sample | | Soil | Soil |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 88 | 88 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 91 | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 85 | 88 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 87 | 93 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 74 | 89 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 35 | 87 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 30 | 86 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | # | 46 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 24 | 69 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | # | 92 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 94 | 100 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 56 | 102 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 29 | 92 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 31 | 72 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 40 | 77 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 42 | 78 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 52 | 87 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 45 | 84 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 27 | 72 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | # | 53 |
| Total Positive PFHxS & PFOS | µg/kg | 8.6 | 27 |
| Total Positive PFOS & PFOA | µg/kg | 7.7 | 26 |
| Total Positive PFAS | µg/kg | 9.1 | 27 |

| Moisture | | | |
|---|---|---|---|
| Our Reference | | 366584-1 | 366584-2 |
| Your Reference | UNITS | 0861_QC202_24 1106 | 0861_QC205_24 1107 |
| Date Sampled | | 06/11/2024 | 07/11/2024 |
| Type of sample | | Soil | Soil |
| Date prepared | - | 19/11/2024 | 19/11/2024 |
| Date analysed | - | 20/11/2024 | 20/11/2024 |
| Moisture | % | 42 | 40 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-008** | Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours. |
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| Date prepared | - | | | 19/11/2024 | | | | | 19/11/2024 | |
| Date analysed | - | | | 19/11/2024 | | | | | 19/11/2024 | |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 98 | |
| Perfluoropentanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 96 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 99 | |
| Perfluoroheptanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 98 | |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 103 | |
| Perfluorodecanesulfonic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 104 | |
| Perfluorobutanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 96 | |
| Perfluoropentanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 97 | |
| Perfluorohexanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 99 | |
| Perfluoroheptanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 95 | |
| Perfluorooctanoic acid PFOA | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 98 | |
| Perfluorononanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 96 | |
| Perfluorodecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 103 | |
| Perfluoroundecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 97 | |
| Perfluorododecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 101 | |
| Perfluorotridecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | | | | | 96 | |
| Perfluorotetradecanoic acid | µg/kg | 5 | Org-029 | <5 | | | | | 90 | |
| 4:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 90 | |
| 6:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | | | | | 91 | |
| 8:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 93 | |
| 10:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 108 | |
| Perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 101 | |
| N-Methyl perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | | | | | 100 | |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | 1 | Org-029 | <1 | | | | | 97 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | 1 | Org-029 | <1 | | | | | 102 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | 5 | Org-029 | <5 | | | | | 97 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 93 | |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | | | | | 100 | |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 99 | | | | | 107 | |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 102 | | | | | 100 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 105 | | | | | 102 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 110 | | | | | 108 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 106 | | | | | 102 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 105 | | | | | 105 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 105 | | | | | 103 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 102 | | | | | 100 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 108 | | | | | 108 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 104 | | | | | 106 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 112 | | | | | 110 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 106 | | | | | 106 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 116 | | | | | 114 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 110 | | | | | 112 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 151 | | | | | 148 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 111 | | | | | 111 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 113 | | | | | 113 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 120 | | | | | 115 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 113 | | | | | 110 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 108 | | | | | 109 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 106 | | | | | 108 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 104 | | | | | 107 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 105 | | | | | 105 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 118 | | | | | 113 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 108 | | | | | 114 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

## Report Comments

For PFAS Extracted Internal Standards denoted with # or outside the 50-150% acceptance range, the respective target analyte results may be unaffected, in other circumstances the PQL has been raised to accommodate the outlier(s).

Envirolab Sediment

Pls Fwd Envirolab

COC 18/11/24, 0449

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC202_241106 | Soil | 6/11/24 | | 1x Fnb | | X | | | |
| 0861_QC205_241107 | " | 7/11/24 | | " | | X | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 366584
Date Received: 15/11/24
Time Received: 0900
Received By: QC
Temp: Cool/Ambient
Cooling: ice/icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] E:8/11/2024 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes ..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP 12 deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 366777

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 20/11/2024 |
| **Date completed instructions received** | 20/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 27/11/2024 |
| **Date of Issue** | 22/11/2024 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 366777-1 |
| Your Reference | UNITS | 0861_QC201_24 1106 |
| Date Sampled | | 06/11/2024 |
| Type of sample | | Water |
| Date prepared | - | 21/11/2024 |
| Date analysed | - | 21/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.02 |
| Perfluoropentanesulfonic acid | µg/L | 0.02 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.15 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.33 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 |
| Perfluoropentanoic acid | µg/L | <0.02 |
| Perfluorohexanoic acid | µg/L | 0.03 |
| Perfluoroheptanoic acid | µg/L | <0.01 |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 |
| Perfluorononanoic acid | µg/L | <0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | <0.01 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 102 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 98 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 104 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 100 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 94 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 366777-1 |
| Your Reference | UNITS | 0861_QC201_241106 |
| Date Sampled | | 06/11/2024 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 103 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 108 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 95 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 103 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 81 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 104 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 96 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 92 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 75 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 97 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 99 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 106 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 108 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 110 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 98 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 114 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 96 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 86 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 104 |
| Total Positive PFHxS & PFOS | µg/L | 0.48 |
| Total Positive PFOA & PFOS | µg/L | 0.34 |
| Total Positive PFAS | µg/L | 0.57 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 21/11/2024 | | | | | 21/11/2024 | |
| Date analysed | - | | | 21/11/2024 | | | | | 21/11/2024 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 103 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 100 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 86 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 111 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 93 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 92 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 94 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 93 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 89 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 90 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | | | | | 101 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 103 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 86 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 83 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | | | | | 101 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | | | | | 108 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | | | | | 82 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 87 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 97 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 94 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 138 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 90 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | | | | | 99 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 106 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | | | | | 86 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | | | | | 104 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 118 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 90 | |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 98 | | | | | 97 | |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 107 | | | | | 105 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 105 | | | | | 106 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 110 | | | | | 105 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 99 | | | | | 100 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 126 | | | | | 121 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 128 | | | | | 123 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 107 | | | | | 107 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 114 | | | | | 114 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 84 | | | | | 82 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 101 | | | | | 95 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 110 | | | | | 115 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 109 | | | | | 105 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 97 | | | | | 88 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 96 | | | | | 88 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 120 | | | | | 113 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 131 | | | | | 119 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 128 | | | | | 119 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 116 | | | | | 111 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 117 | | | | | 115 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 99 | | | | | 98 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 116 | | | | | 123 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 91 | | | | | 91 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 89 | | | | | 90 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 110 | | | | | 113 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Surface Water | P/S fwd Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT & [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: EB
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241106 | water | 6/11/24 | | 1 x bottle ✓ | | X | | | Received Blue Ice Brick |
| 0861_QC205_241107 | 1 | 7/11/24 | | 1 X | | X | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 366777
Date Received: 201124
Time Received: 900
Received By:
Temp: Cool/Ambient 8°C
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 8/11/2024 | CONSIGNMENT NOTE NO. | [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 366899

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 2 Water |
| **Date samples received** | 21/11/2024 |
| **Date completed instructions received** | 21/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 28/11/2024 |
| **Date of Issue** | 22/11/2024 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | | 366899-1 | 366899-2 |
| Your Reference | UNITS | 0861_QC202_24 1112 | 0861_QC201_24 1118 |
| Date Sampled | | 12/11/2024 | 18/11/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 21/11/2024 | 21/11/2024 |
| Date analysed | - | 21/11/2024 | 21/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | <0.01 | <0.01 |
| Perfluoropentanesulfonic acid | µg/L | <0.01 | <0.01 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | <0.01 | <0.01 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 | <0.01 |
| Perfluorooctanesulfonic acid PFOS | µg/L | <0.01 | <0.01 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 | <0.02 |
| Perfluoropentanoic acid | µg/L | <0.02 | <0.02 |
| Perfluorohexanoic acid | µg/L | <0.01 | <0.01 |
| Perfluoroheptanoic acid | µg/L | <0.01 | <0.01 |
| Perfluorooctanoic acid PFOA | µg/L | <0.01 | <0.01 |
| Perfluorononanoic acid | µg/L | <0.01 | <0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 | <0.5 |
| 4:2 FTS | µg/L | <0.01 | <0.01 |
| 6:2 FTS | µg/L | <0.01 | <0.01 |
| 8:2 FTS | µg/L | <0.02 | <0.02 |
| 10:2 FTS | µg/L | <0.02 | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 99 | 104 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 99 | 100 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 98 | 98 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 102 | 95 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 101 | 94 |

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | | 366899-1 | 366899-2 |
| Your Reference | UNITS | 0861_QC202_241112 | 0861_QC201_241118 |
| Date Sampled | | 12/11/2024 | 18/11/2024 |
| Type of sample | | Water | Water |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | 86 | 80 |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | 103 | 99 |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | 103 | 98 |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | 102 | 96 |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | 101 | 100 |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | 104 | 100 |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | 100 | 93 |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | 109 | 101 |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | 105 | 97 |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | 97 | 92 |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | 108 | 110 |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | 103 | 117 |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | 109 | 121 |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | 104 | 104 |
| *Extracted ISTD $d_3$ N MeFOSA* | % | 99 | 99 |
| *Extracted ISTD $d_5$ N EtFOSA* | % | 95 | 96 |
| *Extracted ISTD $d_7$ N MeFOSE* | % | 100 | 99 |
| *Extracted ISTD $d_9$ N EtFOSE* | % | 94 | 96 |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | 109 | 112 |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | 107 | 110 |
| Total Positive PFHxS & PFOS | µg/L | <0.01 | <0.01 |
| Total Positive PFOA & PFOS | µg/L | <0.01 | <0.01 |
| Total Positive PFAS | µg/L | <0.01 | <0.01 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 366899-2 |
| Date prepared | - | | | 21/11/2024 | 1 | 21/11/2024 | 21/11/2024 | | 21/11/2024 | 21/11/2024 |
| Date analysed | - | | | 21/11/2024 | 1 | 21/11/2024 | 21/11/2024 | | 21/11/2024 | 21/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 100 | 99 |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 105 | 101 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 103 | 97 |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 105 | 98 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 100 | 95 |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 98 | 96 |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | 93 |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | 96 |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 102 | 100 |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 98 | 98 |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 98 | 98 |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 102 | 98 |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 101 | 104 |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 100 | 101 |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 107 | 101 |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 90 | 98 |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 100 | 96 |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 92 | 93 |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 95 | 96 |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 87 | 87 |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 96 | 100 |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 101 | 101 |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 104 | 98 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 102 | 100 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 112 | 110 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 111 | 102 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 106 | 100 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 101 | 94 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 102 | 1 | 99 | 102 | 3 | 100 | 98 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 100 | 1 | 99 | 100 | 1 | 100 | 98 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 366899-2 |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 103 | 1 | 98 | 100 | 2 | 103 | 99 |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 105 | 1 | 102 | 98 | 4 | 101 | 105 |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 101 | 1 | 101 | 97 | 4 | 100 | 101 |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 107 | 1 | 86 | 92 | 7 | 107 | 75 |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 107 | 1 | 103 | 104 | 1 | 105 | 102 |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 106 | 1 | 103 | 103 | 0 | 103 | 101 |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 101 | 1 | 102 | 99 | 3 | 102 | 98 |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 104 | 1 | 101 | 100 | 1 | 101 | 104 |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 108 | 1 | 104 | 100 | 4 | 104 | 106 |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 103 | 1 | 100 | 91 | 9 | 102 | 99 |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 106 | 1 | 109 | 106 | 3 | 106 | 106 |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 97 | 1 | 105 | 98 | 7 | 96 | 100 |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 85 | 1 | 97 | 93 | 4 | 80 | 102 |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 109 | 1 | 108 | 109 | 1 | 105 | 111 |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 107 | 1 | 103 | 105 | 2 | 103 | 115 |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 110 | 1 | 109 | 112 | 3 | 109 | 117 |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 108 | 1 | 104 | 103 | 1 | 104 | 102 |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 99 | 1 | 99 | 101 | 2 | 97 | 101 |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 93 | 1 | 95 | 98 | 3 | 92 | 95 |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 106 | 1 | 100 | 102 | 2 | 104 | 108 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 366899-2 |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 97 | 1 | 94 | 100 | 6 | 92 | 100 |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 106 | 1 | 109 | 105 | 4 | 103 | 110 |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 102 | 1 | 107 | 99 | 8 | 102 | 111 |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT & IN [redacted]
SEND INVOICE TO:

LABORATORY BATCH NO.:
SAMPLERS: EB
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 1.

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC202_241112 | ~~Leachate~~ WATER | 12/11/24 | | | | X | | | |
| 2 | 0861_QC201_241118 | ~~Leachate~~ WATER | 18/11/24 | | | | X | | | |

Environment Testing Services
12 Ashley St
Charlswood NSW 2067
Ph: (02) 9910 6200
Job No: 366899
Date Received: 21/11/24
Time Received: 0910
Received By: LC
Temp: Cool/Ambient 1.0°C
Cooling: Ice/Icepack
Security: Intact/Broken/None

RELINQUISHED BY: [redacted]
NAME: DATE: 19/11/2024
OF: JBS&G

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.

RECEIVED BY: [redacted]
NA
DA
OF

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

NAME: DATE:
OF:

CONSIGNMENT NOTE NO.
TRANSPORT CO

NA
OF: ELS SYD

COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP 1.0 deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 366900

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 21/11/2024 |
| **Date completed instructions received** | 21/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 28/11/2024 |
| **Date of Issue** | 22/11/2024 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 366900-1 |
| Your Reference | UNITS | 0861_QC201_24 1112 |
| Date Sampled | | 12/11/2024 |
| Type of sample | | Water |
| Date prepared | - | 21/11/2024 |
| Date analysed | - | 21/11/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.02 |
| Perfluoropentanesulfonic acid | µg/L | <0.01 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.08 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.59 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 |
| Perfluoropentanoic acid | µg/L | <0.02 |
| Perfluorohexanoic acid | µg/L | 0.01 |
| Perfluoroheptanoic acid | µg/L | <0.01 |
| Perfluorooctanoic acid PFOA | µg/L | <0.01 |
| Perfluorononanoic acid | µg/L | <0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | <0.01 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 102 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 102 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 101 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 94 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 95 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 366900-1 |
| Your Reference | UNITS | 0861_QC201_241112 |
| Date Sampled | | 12/11/2024 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 75 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 113 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 101 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 95 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 99 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 100 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 98 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 107 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 102 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 86 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 114 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 120 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 127 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 100 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 96 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 93 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 103 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 97 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 116 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 114 |
| Total Positive PFHxS & PFOS | µg/L | 0.67 |
| Total Positive PFOA & PFOS | µg/L | 0.59 |
| Total Positive PFAS | µg/L | 0.70 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 21/11/2024 | 1 | 21/11/2024 | 21/11/2024 | | 21/11/2024 | |
| Date analysed | - | | | 21/11/2024 | 1 | 21/11/2024 | 21/11/2024 | | 21/11/2024 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.02 | 0.02 | 0 | 100 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 105 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.08 | 0.08 | 0 | 103 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 105 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.59 | 0.58 | 2 | 100 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 98 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 97 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | 0.01 | 0.01 | 0 | 102 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 98 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 98 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 102 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 101 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 100 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 107 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 90 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 100 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 92 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 95 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 87 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 96 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 101 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 104 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 102 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 112 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 111 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 106 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 101 | |
| *Surrogate $^{13}C_8$ PFOS* | % | | Org-029 | 102 | 1 | 102 | 97 | 5 | 100 | |
| *Surrogate $^{13}C_2$ PFOA* | % | | Org-029 | 100 | 1 | 102 | 102 | 0 | 100 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 103 | 1 | 101 | 100 | 1 | 103 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 105 | 1 | 94 | 93 | 1 | 101 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 101 | 1 | 95 | 96 | 1 | 100 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 107 | 1 | 75 | 77 | 3 | 107 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 107 | 1 | 113 | 109 | 4 | 105 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 106 | 1 | 101 | 98 | 3 | 103 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 101 | 1 | 95 | 94 | 1 | 102 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 104 | 1 | 99 | 101 | 2 | 101 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 108 | 1 | 100 | 98 | 2 | 104 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 103 | 1 | 98 | 92 | 6 | 102 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 106 | 1 | 107 | 102 | 5 | 106 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 97 | 1 | 102 | 95 | 7 | 96 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 85 | 1 | 86 | 89 | 3 | 80 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 109 | 1 | 114 | 115 | 1 | 105 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 107 | 1 | 120 | 122 | 2 | 103 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 110 | 1 | 127 | 128 | 1 | 109 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 108 | 1 | 100 | 101 | 1 | 104 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 99 | 1 | 96 | 98 | 2 | 97 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 93 | 1 | 93 | 95 | 2 | 92 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 106 | 1 | 103 | 99 | 4 | 104 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 97 | 1 | 97 | 94 | 3 | 92 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 106 | 1 | 116 | 113 | 3 | 103 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 102 | 1 | 114 | 120 | 5 | 102 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

Envirolab Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO:
SEND INVOICE TO:

LABORATORY BATCH NO.:
SAMPLERS: EB
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 1.

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_24 1112 | Water | 12/11/24 | | 1 x bottle | | X | | | |
| 0861_QC _24 | | | | | | | | | |

(1) N/R

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

ENVIROLAB

Job No: 366902
Date Received: 21/11/24
Time Received: 0945
Received By: WC
Temp: Cool/Ambient 20°C
Cooling: Ice/Icepack
Security: Intact/Broken/None

| | METHOD OF SHIPMENT: | |
|---|---|---|
| NAME: [redacted] DATE: 19/11/2024 | CONSIGNMENT NOTE NO. | NA [redacted] |
| OF: JBS&G | TRANSPORT CO. | DA |
| NAME: DATE: | CONSIGNMENT NOTE NO. | OR |
| OF: | TRANSPORT CO | NA |
| | | OR |

ELS 593

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C
COOLER SEAL – (Yes)..... No ..... (Intact)..... Broken .....
COOLER TEMP 10 deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Services Pty Ltd
ABN 37 112 535 645
[redacted]
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 366901

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_24** |
| **Number of Samples** | 2 Sediment |
| **Date samples received** | 21/11/2024 |
| **Date completed instructions received** | 21/11/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

**Please refer to the last page of this report for any comments relating to the results.**

## Report Details

| | |
|---|---|
| **Date results requested by** | 28/11/2024 |
| **Date of Issue** | 26/11/2024 |

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**Results Approved By**
[redacted] Senior Chemist
[redacted] Senior Chemist

**Authorised By**
[redacted] Laboratory Manager

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 366901-1 | 366901-2 |
| Your Reference | UNITS | 0861_QC203_24 1112 | 0861_QC201_24 1118 |
| Date Sampled | | 12/11/2024 | 18/11/2024 |
| Type of sample | | Sediment | Sediment |
| Date prepared | - | 22/11/2024 | 22/11/2024 |
| Date analysed | - | 22/11/2024 | 22/11/2024 |
| Perfluorobutanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluoropentanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | <0.1 | <0.1 |
| Perfluoroheptanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.5 | <0.1 |
| Perfluorodecanesulfonic acid | µg/kg | <0.2 | <0.2 |
| Perfluorobutanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluoropentanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluorohexanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluoroheptanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanoic acid PFOA | µg/kg | <0.1 | <0.1 |
| Perfluorononanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluorodecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluoroundecanoic acid | µg/kg | <2 | <2 |
| Perfluorododecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluorotridecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluorotetradecanoic acid | µg/kg | <5 | <5 |
| 4:2 FTS | µg/kg | <0.1 | <0.1 |
| 6:2 FTS | µg/kg | <0.1 | <0.1 |
| 8:2 FTS | µg/kg | <0.2 | <0.2 |
| 10:2 FTS | µg/kg | <0.2 | <0.2 |
| Perfluorooctane sulfonamide | µg/kg | <1 | <1 |
| N-Methyl perfluorooctane sulfonamide | µg/kg | <1 | <1 |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | <1 | <1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | <1 | <1 |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | <5 | <5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | <0.2 | <0.2 |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | <0.2 | <0.2 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 97 | 89 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 101 | 102 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 94 | 91 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 94 | 86 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 84 | 86 |

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 366901-1 | 366901-2 |
| Your Reference | UNITS | 0861_QC203_24 1112 | 0861_QC201_24 1118 |
| Date Sampled | | 12/11/2024 | 18/11/2024 |
| Type of sample | | Sediment | Sediment |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 94 | 90 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 94 | 94 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 95 | 90 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 92 | 87 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 89 | 81 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 72 | 55 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 73 | 50 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 47 | 27 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 67 | 49 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 54 | 42 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 102 | 99 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 92 | 77 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 67 | 41 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 59 | 46 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 74 | 62 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 76 | 67 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 82 | 73 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 78 | 72 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 57 | 45 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 61 | 39 |
| Total Positive PFHxS & PFOS | µg/kg | 0.5 | <0.1 |
| Total Positive PFOS & PFOA | µg/kg | 0.5 | <0.1 |
| Total Positive PFAS | µg/kg | 0.5 | <0.1 |

| Moisture | | | |
|---|---|---|---|
| Our Reference | | 366901-1 | 366901-2 |
| Your Reference | UNITS | 0861_QC203_24 1112 | 0861_QC201_24 1118 |
| Date Sampled | | 12/11/2024 | 18/11/2024 |
| Type of sample | | Sediment | Sediment |
| Date prepared | - | 22/11/2024 | 22/11/2024 |
| Date analysed | - | 25/11/2024 | 25/11/2024 |
| Moisture | % | 36 | 51 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-008** | Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours. |
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| Date prepared | - | | | 22/11/2024 | 1 | 22/11/2024 | 22/11/2024 | | 22/11/2024 | |
| Date analysed | - | | | 22/11/2024 | 1 | 22/11/2024 | 22/11/2024 | | 22/11/2024 | |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | |
| Perfluoropentanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 98 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 97 | |
| Perfluoroheptanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 97 | |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.1 | Org-029 | <0.1 | 1 | 0.5 | 0.4 | 22 | 96 | |
| Perfluorodecanesulfonic acid | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 95 | |
| Perfluorobutanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 94 | |
| Perfluoropentanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 94 | |
| Perfluorohexanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | |
| Perfluoroheptanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 97 | |
| Perfluorooctanoic acid PFOA | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 94 | |
| Perfluorononanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | |
| Perfluorodecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 100 | |
| Perfluoroundecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | 1 | <2 | <2 | 0 | 87 | |
| Perfluorododecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 100 | |
| Perfluorotridecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 97 | |
| Perfluorotetradecanoic acid | µg/kg | 5 | Org-029 | <5 | 1 | <5 | <5 | 0 | 97 | |
| 4:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | |
| 6:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 99 | |
| 8:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 93 | |
| 10:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 99 | |
| Perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | 1 | <1 | <1 | 0 | 96 | |
| N-Methyl perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | 1 | <1 | <1 | 0 | 98 | |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | 1 | Org-029 | <1 | 1 | <1 | <1 | 0 | 94 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | 1 | Org-029 | <1 | 1 | <1 | <1 | 0 | 104 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | 5 | Org-029 | <5 | 1 | <5 | <5 | 0 | 104 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 99 | |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | 1 | <0.2 | <0.2 | 0 | 98 | |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 100 | 1 | 97 | 95 | 2 | 99 | |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 102 | 1 | 101 | 106 | 5 | 105 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 113 | 1 | 94 | 92 | 2 | 103 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 106 | 1 | 94 | 89 | 5 | 106 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 109 | 1 | 84 | 87 | 4 | 104 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 111 | 1 | 94 | 93 | 1 | 109 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 113 | 1 | 94 | 93 | 1 | 109 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 112 | 1 | 95 | 94 | 1 | 110 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 111 | 1 | 92 | 89 | 3 | 105 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 108 | 1 | 89 | 87 | 2 | 103 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 112 | 1 | 72 | 69 | 4 | 108 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 110 | 1 | 73 | 60 | 20 | 106 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 123 | 1 | 47 | 33 | 35 | 125 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 120 | 1 | 67 | 58 | 14 | 116 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 140 | 1 | 54 | 45 | 18 | 136 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 115 | 1 | 102 | 101 | 1 | 113 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 118 | 1 | 92 | 89 | 3 | 114 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 124 | 1 | 67 | 53 | 23 | 121 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 116 | 1 | 59 | 52 | 13 | 111 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 110 | 1 | 74 | 71 | 4 | 108 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 111 | 1 | 76 | 73 | 4 | 111 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 113 | 1 | 82 | 81 | 1 | 108 | |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 104 | 1 | 78 | 77 | 1 | 106 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 116 | 1 | 57 | 52 | 9 | 115 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 111 | 1 | 61 | 47 | 26 | 115 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

## Report Comments

For PFAS Extracted Internal Standards denoted with # or outside the 50-150% acceptance range, the respective target analyte results may be unaffected, in other circumstances the PQL has been raised to accommodate the outlier(s).

Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW048_241028 | ~~Sediment~~ | 28/10 | | 1x bottle | | X | | | |
| 0861_SW027_241028 | | | | | | X | | | |
| 0861_SW056_241028 | | | | | | X | | | |
| 0861_SW076_241028 | | | | | | X | | | |
| 0861_SW011_241031 | | 31/10 | | | | X | | | |
| 0861_SW059_241031 | | | | | | X | | | |
| 0861_SW037_241031 | | | | | | X | | | |
| 0861_SW002_241031 | | | | | | X | | | |
| ~~0861_SW[redacted]_24~~ | | | | | | | | | |
| 0861_SW049_241101 | | 1/11 | | | | X | | | |
| 0861_SW021_241101 | | | | | | X | | | |
| 0861_SW _24 | | | | | | [redacted] | | | |
| 0861_SW _24 | | | | | | [redacted] | | | |
| 0861_SW _24 | | | | | | [redacted] | | | |
| 0861_QC501_241101 | | 1/11 | | | | X | | | |
| 0861_QC101_241031 | | 31/10 | | | | X | | | |
| 0861_QC301_241101 | | 1/11 | | | | X | | | |
| 0861_QC401_241101 | | | | | | X | | | |

7255836

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1/11/2024 | CONSIGNMENT NOTE NO. | NAME: [redacted] DATE: 1/11 | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: [redacted] DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: 2.1y MK | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Sediment

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD048_241028 | sed | 28/10 | | 1x tub | | X | | | |
| 0861_SD027_241028 | | | | | | X | | | |
| 0861_SD056_241028 | | | | | | X | | | |
| 0861_SD076_241028 | | | | | | X | | | |
| 0861_SD030_241028 | | | | | | X | | | |
| 0861_SD011_241031 | | 31/10 | | | | X | | | |
| 0861_SD059_241031 | | | | | | X | | | |
| 0861_SD037_241031 | | | | | | X | | | |
| 0861_SD002_241031 | | | | | | X | | | |
| 0861_SD003_241031 | | | | | | X | | | |
| 0861_SD044_241101 | | 1/11 | | | | X | | | |
| 0861_SD021_241101 | | | | | | X | | | |
| 0861_SD _24 | | | | | | X | | | |
| 0861_SD _24 | | | | | | X | | | |
| 0861_SD _24 | | | | | | X | | | |
| 0861_QC102_241031 | | 31/10 | | | | X | | | |
| 0861_QC502_241101 | | 1/11 | | | | X | | | |
| 0861_QC _24 | | | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1 / 11/2024<br>OF: JBS& | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: [redacted] ATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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2

Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND REPORT TO: [redacted]
SEND INVOICE TO:

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**
use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW050_241028 | water | 28/10 | | 1x bottle | | X | | | |
| 0861_MW005_241028 | | | | | | X | | | |
| 0861_MW047_241028 | | | | | | X | | | |
| 0861_MW032_241028 | | | | | | X | | | |
| 0861_MW037_241028 | | | | | | X | | | |
| 0861_MW020_241028 | | | | | | X | | | |
| 0861_MW012_241028 | | | | | | X | | | |
| 0861_MW002_241029 | | 29/10 | | | | X | | | |
| 0861_MW034_241029 | | " | | | | X | | | |
| 0861_MW046_241031 | | 31/10 | | | | X | | | |
| 0861_MW537_241031 | | | | | | X | | | |
| 0861_MW026_241031 | | | | | | X | | | |
| 0861_MW041_241031 | | | | | | X | | | |
| 0861_MW539_241031 | | | | | | X | | | |
| 0861_MW033_241031 | | | | | | X | | | |
| 0861_QC101_241028 | | 28/10 | | | | X | | | |
| 0861_QC301_241028 | | | | | | X | | | |
| 0861_QC401_241028 | | | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024<br>OF: JBS& | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: [redacted]<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Groundwater

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**
use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW536_241031 | water | 31/10 | | | | X | | | |
| 0861_MW030_241101 | | | | | | X | | | |
| 0861_MW031_241101 | | | | | | X | | | |
| 0861_MW535_241101 | | | | | | X | | | |
| 0861_MW025_241101 | | | | | | X | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| ~~0861_MW _241101~~ | | | | | | | | | |
| 0861_QC103 _241031 | | 31/10 | | | | X | | | |
| 0861_QC301 _241031 | | | | | | X | | | |
| 0861_QC401 _241031 | | | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: | |
| | | OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Surface Water

Pls fwd to Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND REPORT & IN [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241031 | water | 31/10 | | 1x bottle | | X | | | |
| ~~0861_QC_24~~ | / | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1/11/2024<br>OF: JBS& | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: [redacted] TE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Envirolab Groundwater

Please fwd Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND REPORT TO [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241029 | water | 31/10 | | 1x bottle | | X | | | |
| 0861_QC201_241101 | 1 | 1/11 | | 1 | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 1//1/2024<br>OF: JBS& | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: [redacted] E:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Envirolab Sediment

Pls fwd to Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

please use Sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC202_24_0031 | sed | 31/10 | | 1x tub | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /// /2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: | |
| | | OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]
QLD 4000

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1155836-S-V3**
Project name DoD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 01, 2024

| **Client Sample ID** | | | **0861_QC102_241031** | **0861_QC502_241101** |
|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Trip Blank (solid)** |
| **Eurofins Sample No.** | | | **B24-No0003746** | **B24-No0003747** |
| **Date Sampled** | | | **Oct 31, 2024** | **Nov 01, 2024** |
| Test/Reference | LOR | Unit | | |
| **Sample Properties** | | | | |
| % Moisture | 1 | % | 48 | - |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 79 | 109 |
| 13C5-PFPeA (surr.) | 1 | % | 77 | 94 |
| 13C5-PFHxA (surr.) | 1 | % | 73 | 99 |
| 13C4-PFHpA (surr.) | 1 | % | 84 | 106 |
| 13C8-PFOA (surr.) | 1 | % | 83 | 98 |
| 13C5-PFNA (surr.) | 1 | % | 85 | 103 |
| 13C6-PFDA (surr.) | 1 | % | 68 | 108 |
| 13C2-PFUnDA (surr.) | 1 | % | 89 | 133 |
| 13C2-PFDoDA (surr.) | 1 | % | 104 | 128 |
| 13C2-PFTeDA (surr.) | 1 | % | 134 | 123 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | 6.7 | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |

| Client Sample ID | | | 0861_QC102_241031 | 0861_QC502_241101 |
|---|---|---|---|---|
| Sample Matrix | | | Soil | Trip Blank (solid) |
| Eurofins Sample No. | | | B24-No0003746 | B24-No0003747 |
| Date Sampled | | | Oct 31, 2024 | Nov 01, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |
| 13C8-FOSA (surr.) | 1 | % | 97 | 104 |
| D3-N-MeFOSA (surr.) | 1 | % | 95 | 101 |
| D5-N-EtFOSA (surr.) | 1 | % | 113 | 136 |
| D7-N-MeFOSE (surr.) | 1 | % | 67 | 65 |
| D9-N-EtFOSE (surr.) | 1 | % | 108 | 89 |
| D5-N-EtFOSAA (surr.) | 1 | % | 72 | 100 |
| D3-N-MeFOSAA (surr.) | 1 | % | 79 | 117 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | [N09]37 | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | < 5 |
| 13C3-PFBS (surr.) | 1 | % | 73 | 89 |
| 18O2-PFHxS (surr.) | 1 | % | 93 | 96 |
| 13C8-PFOS (surr.) | 1 | % | 68 | 74 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 84 | 69 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 90 | 69 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 87 | 80 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 75 | 95 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | 37 | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | 37 | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | 37 | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | 37 | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | < 50 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| % Moisture | Brisbane | Nov 01, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 04, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 04, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 04, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 04, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_SW048_241028 | Oct 28, 2024 | | Water | B24-No0003720 | | X |
| 2 | 0861_SW027_241028 | Oct 28, 2024 | | Water | B24-No0003721 | | X |
| 3 | 0861_SW056_241028 | Oct 28, 2024 | | Water | B24-No0003722 | | X |
| 4 | 0861_SW076_241028 | Oct 28, 2024 | | Water | B24-No0003723 | | X |
| 5 | 0861_SW011_241031 | Oct 31, 2024 | | Water | B24-No0003724 | | X |
| 6 | 0861_SW059_241031 | Oct 31, 2024 | | Water | B24-No0003725 | | X |
| 7 | 0861_SW037_241031 | Oct 31, 2024 | | Water | B24-No0003726 | | X |
| 8 | 0861_SW002_241031 | Oct 31, 2024 | | Water | B24-No0003727 | | X |
| 9 | 0861_SW049_ | Nov 01, 2024 | | Water | B24-No0003728 | | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au

**Company Name:** [redacted]L
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | 241101 | | | | | | |
| 10 | 0861_SW021_241101 | Nov 01, 2024 | | Water | B24-No0003729 | | X |
| 11 | 0861_QC501_241101 | Nov 01, 2024 | | Water | B24-No0003730 | | X |
| 12 | 0861_QC101_241031 | Oct 31, 2024 | | Water | B24-No0003731 | | X |
| 13 | 0861_QC301_241101 | Nov 01, 2024 | | Water | B24-No0003732 | | X |
| 14 | 0861_QC401_241101 | Nov 01, 2024 | | Water | B24-No0003733 | | X |
| 15 | 0861_SD048_241028 | Oct 28, 2024 | | Soil | B24-No0003734 | X | X |
| 16 | 0861_SD027_241028 | Oct 28, 2024 | | Soil | B24-No0003735 | X | X |
| 17 | 0861_SD056_241028 | Oct 28, 2024 | | Soil | B24-No0003736 | X | X |
| 18 | 0861_SD076_241028 | Oct 28, 2024 | | Soil | B24-No0003737 | X | X |
| 19 | 0861_SD030_ | Oct 28, 2024 | | Soil | B24-No0003738 | X | X |

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au
email: EnviroSales@eurofinsanz.com

[redacted]

**Company Name:** [redacted]
**Address:**

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x | x |
| 19 | 0861_SD030_241028 | Oct 28, 2024 | | Soil | B24-No0003738 | | |
| 20 | 0861_SD011_241031 | Oct 31, 2024 | | Soil | B24-No0003739 | x | x |
| 21 | 0861_SD059_241031 | Oct 31, 2024 | | Soil | B24-No0003740 | x | x |
| 22 | 0861_SD037_241031 | Oct 31, 2024 | | Soil | B24-No0003741 | x | x |
| 23 | 0861_SD002_241031 | Oct 31, 2024 | | Soil | B24-No0003742 | x | x |
| 24 | 0861_SD003_241031 | Oct 31, 2024 | | Soil | B24-No0003743 | x | x |
| 25 | 0861_SD049_241101 | Nov 01, 2024 | | Soil | B24-No0003744 | x | x |
| 26 | 0861_SD021_241101 | Nov 01, 2024 | | Soil | B24-No0003745 | x | x |
| 27 | 0861_QC102_241031 | Oct 31, 2024 | | Soil | B24-No0003746 | x | x |
| 28 | 0861_QC502_241101 | Nov 01, 2024 | | Trip Blank (solid) | B24-No0003747 | | x |

Eurofins Environment Testing Australia Pty Ltd
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Eurofins ARL Pty Ltd
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Eurofins Environment Testing NZ Ltd
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**Company Name:**
**Address:**

**Order No.:**
**Report #:** 1155836
**Phone:**
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:**

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :**

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_MW050_241028 | Oct 28, 2024 | | Water | B24-No0003748 | | X |
| 30 | 0861_MW005_241028 | Oct 28, 2024 | | Water | B24-No0003749 | | X |
| 31 | 0861_MW047_241028 | Oct 28, 2024 | | Water | B24-No0003750 | | X |
| 32 | 0861_MW032_241028 | Oct 28, 2024 | | Water | B24-No0003751 | | X |
| 33 | 0861_MW037_241028 | Oct 28, 2024 | | Water | B24-No0003752 | | X |
| 34 | 0861_MW020_241028 | Oct 28, 2024 | | Water | B24-No0003753 | | X |
| 35 | 0861_MW012_241028 | Oct 28, 2024 | | Water | B24-No0003754 | | X |
| 36 | 0861_MW002_241029 | Oct 29, 2024 | | Water | B24-No0003755 | | X |
| 37 | 0861_MW034_241029 | Oct 29, 2024 | | Water | B24-No0003756 | | X |
| 38 | 0861_MW046_241031 | Oct 31, 2024 | | Water | B24-No0003757 | | X |

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**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :**

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 39 | 0861_MW537_241031 | Oct 31, 2024 | | Water | B24-No0003758 | | X |
| 40 | 0861_MW026_241031 | Oct 31, 2024 | | Water | B24-No0003759 | | X |
| 41 | 0861_MW041_241031 | Oct 31, 2024 | | Water | B24-No0003760 | | X |
| 42 | 0861_MW539_241031 | Oct 31, 2024 | | Water | B24-No0003761 | | X |
| 43 | 0861_MW033_241031 | Oct 31, 2024 | | Water | B24-No0003762 | | X |
| 44 | 0861_QC101_241028 | Oct 28, 2024 | | Water | B24-No0003763 | | X |
| 45 | 0861_QC301_241028 | Oct 28, 2024 | | Water | B24-No0003764 | | X |
| 46 | 0861_QC401_241028 | Oct 28, 2024 | | Water | B24-No0003765 | | X |
| 47 | 0861_MW536_241031 | Oct 31, 2024 | | Water | B24-No0003766 | | X |
| 48 | 0861_MW030_241101 | Nov 01, 2024 | | Water | B24-No0003767 | | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
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**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 49 | 0861_MW031_241101 | Nov 01, 2024 | | Water | B24-No0003768 | | X |
| 50 | 0861_MW535_241101 | Nov 01, 2024 | | Water | B24-No0003769 | | X |
| 51 | 0861_MW025_241101 | Nov 01, 2024 | | Water | B24-No0003770 | | X |
| 52 | 0861_QC103_241031 | Oct 31, 2024 | | Water | B24-No0003771 | | X |
| 53 | 0861_QC301_241031 | Oct 31, 2024 | | Water | B24-No0003772 | | X |
| 54 | 0861_QC401_241031 | Oct 31, 2024 | | Water | B24-No0003773 | | X |
| **Test Counts** | | | | | | 13 | 54 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 122 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 115 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 142 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 124 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 131 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 140 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 136 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 136 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 132 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 131 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 123 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 128 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 134 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 135 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 110 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 58 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 123 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 131 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 110 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 121 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 123 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 102 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | % | 126 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 123 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 111 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 103 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 131 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 110 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 109 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 120 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 141 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 100 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 105 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 112 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 114 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 110 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 120 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 116 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 91 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 106 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 110 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 122 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 127 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 103 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 101 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 99 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 128 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 122 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 92 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 121 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 124 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 88 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 76 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 100 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 114 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 82 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 104 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003738 | CP | % | 108 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003738 | CP | % | 114 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003738 | CP | % | 130 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003738 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003738 | CP | % | 119 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003738 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003738 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003738 | CP | % | 131 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003738 | CP | % | 129 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003738 | CP | % | 137 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003738 | CP | % | 106 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003738 | CP | % | 124 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003738 | CP | % | 114 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003738 | CP | % | 118 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003738 | CP | % | 88 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003738 | CP | % | 77 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003738 | CP | % | 116 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003738 | CP | % | 118 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003738 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003738 | CP | % | 136 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003738 | CP | % | 137 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003738 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003738 | CP | % | 131 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003738 | CP | % | 120 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003738 | CP | % | 119 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003738 | CP | % | 98 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003738 | CP | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003738 | CP | % | 125 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003738 | CP | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003738 | CP | % | 131 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-Oc0080602 | NCP | % | 92 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-Oc0080602 | NCP | % | 125 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-Oc0080602 | NCP | % | 134 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-Oc0080602 | NCP | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-Oc0080602 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-Oc0080602 | NCP | % | 97 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-Oc0080602 | NCP | % | 111 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-Oc0080602 | NCP | % | 102 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-Oc0080602 | NCP | % | 112 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-Oc0080602 | NCP | % | 117 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-Oc0080602 | NCP | % | 111 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-Oc0080602 | NCP | % | 99 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-Oc0080602 | NCP | % | 109 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-Oc0080602 | NCP | % | 112 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-Oc0080602 | NCP | % | 136 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-Oc0080602 | NCP | % | 70 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-Oc0080602 | NCP | % | 106 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-Oc0080602 | NCP | % | 105 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-Oc0080602 | NCP | % | 98 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-Oc0080602 | NCP | % | 113 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-Oc0080602 | NCP | % | 116 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-Oc0080602 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-Oc0080602 | NCP | % | 126 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-Oc0080602 | NCP | % | 119 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-Oc0080602 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-Oc0080602 | NCP | % | 78 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-Oc0080602 | NCP | % | 86 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-Oc0080602 | NCP | % | 93 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-Oc0080602 | NCP | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-Oc0080602 | NCP | % | 103 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003735 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003735 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003735 | CP | ug/kg | 8.1 | 9.5 | 16 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003735 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003735 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003739 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003739 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003739 | CP | ug/kg | 13 | 11 | 11 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003739 | CP | ug/kg | 170 | 160 | 9.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003739 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003739 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0003740 | CP | % | 49 | 66 | 31 | 30% | Fail | Q15 |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0005112 | NCP | % | 23 | 2.9 | 160 | 30% | Fail | Q15 |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-Oc0080601 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-Oc0080601 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-Oc0084696 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-Oc0084696 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-Oc0080601 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-Oc0080601 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

## Comments

Report 1155836-V2 (amendment to report 1155836) has been issued with revised results for PFAS on sample No0003765, following repeat analysis.

Report 1155836-V3 (amendment to report 1155836) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q15 | The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report. |

## Authorised by:

[redacted]
[redacted]
[redacted]

Analytical Services Manager
Senior Analyst-PFAS
Senior Analyst-Sample Properties

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1155836-W-V3**
Project name DoD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 01, 2024

| Client Sample ID | | | 0861_SW048_241028 | 0861_SW027_241028 | 0861_SW056_241028 | 0861_SW076_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003720 | B24-No0003721 | B24-No0003722 | B24-No0003723 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.08 | < 0.05 | < 0.05 | 0.44 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.06 | 0.03 | 0.08 | 1.3 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.58 | 0.08 | 0.20 | 1.9 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.08 | [N09]0.02 | [N09]0.03 | [N09]0.43 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.15 | [N09]0.02 | [N09]0.05 | [N09]0.54 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.11 | < 0.01 | < 0.01 | 0.03 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | 0.07 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | 0.08 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 64 | 80 | 81 | [J-]24 |
| 13C5-PFPeA (surr.) | 1 | % | 58 | 63 | 88 | 65 |
| 13C5-PFHxA (surr.) | 1 | % | 70 | 95 | 104 | 52 |
| 13C4-PFHpA (surr.) | 1 | % | 74 | 100 | 99 | [J-]27 |
| 13C8-PFOA (surr.) | 1 | % | 78 | 112 | 97 | [J-]24 |
| 13C5-PFNA (surr.) | 1 | % | 82 | 114 | 91 | [J-]25 |
| 13C6-PFDA (surr.) | 1 | % | 75 | 99 | 74 | 20 |
| 13C2-PFUnDA (surr.) | 1 | % | 67 | 90 | 76 | 20 |
| 13C2-PFDoDA (surr.) | 1 | % | 53 | 74 | 69 | 17 |
| 13C2-PFTeDA (surr.) | 1 | % | 45 | 64 | 80 | 51 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 66 | 100 | 95 | 26 |
| D3-N-MeFOSA (surr.) | 1 | % | 17 | 39 | 47 | 12 |

| Client Sample ID | | | 0861_SW048_241028 | 0861_SW027_241028 | 0861_SW056_241028 | 0861_SW076_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003720 | B24-No0003721 | B24-No0003722 | B24-No0003723 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 16 | 37 | 51 | 14 |
| D7-N-MeFOSE (surr.) | 1 | % | 32 | 69 | 71 | 14 |
| D9-N-EtFOSE (surr.) | 1 | % | 58 | 64 | 60 | 15 |
| D5-N-EtFOSAA (surr.) | 1 | % | 56 | 71 | 63 | 17 |
| D3-N-MeFOSAA (surr.) | 1 | % | 81 | 61 | 54 | 14 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.08 | 0.02 | 0.09 | 1.0 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.04 | 0.01 | 0.04 | 0.38 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.08 | [N09]0.02 | [N09]0.08 | [N09]0.92 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 0.57 | 0.15 | 0.64 | [N09]5.9 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.03 | < 0.01 | 0.04 | 0.26 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.95 | 0.34 | 1.6 | 5.4 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 78 | 104 | 104 | [J-]24 |
| 18O2-PFHxS (surr.) | 1 | % | 63 | 82 | 73 | [J-]29 |
| 13C8-PFOS (surr.) | 1 | % | 115 | 149 | 50 | [J-]30 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | 0.34 | < 0.05 | < 0.05 | 0.18 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 72 | 92 | 105 | 35 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 92 | 143 | 127 | 54 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 90 | 111 | 60 | [J-]9.0 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 55 | 77 | 53 | 11 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.52 | 0.49 | 2.24 | 11.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 1.1 | 0.36 | 1.65 | 5.94 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.67 | 0.51 | 2.29 | 11.84 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 2.92 | 0.66 | 2.69 | 17.09 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 3.37 | 0.69 | 2.85 | 18.68 |

| Client Sample ID | | | 0861_SW011_241031 | 0861_SW059_241031 | 0861_SW037_241031 | 0861_SW002_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003724 | B24-No0003725 | B24-No0003726 | B24-No0003727 |
| Date Sampled | | | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.07 | 0.22 | 0.12 | 0.19 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.15 | 0.47 | 0.22 | 0.40 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.37 | 1.2 | 0.55 | 0.44 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.06 | [N09]0.21 | 0.08 | [N09]0.16 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.09 | [N09]0.36 | [N09]0.10 | [N09]0.09 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | 0.03 | < 0.01 | 0.02 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 88 | 73 | 64 | 61 |
| 13C5-PFPeA (surr.) | 1 | % | 82 | 67 | 59 | 95 |
| 13C5-PFHxA (surr.) | 1 | % | 107 | 79 | 77 | 83 |
| 13C4-PFHpA (surr.) | 1 | % | 111 | 94 | 83 | 105 |
| 13C8-PFOA (surr.) | 1 | % | 111 | 85 | 82 | 127 |
| 13C5-PFNA (surr.) | 1 | % | 114 | 99 | 87 | 138 |
| 13C6-PFDA (surr.) | 1 | % | 88 | 72 | 70 | 117 |
| 13C2-PFUnDA (surr.) | 1 | % | 85 | 95 | 78 | 116 |
| 13C2-PFDoDA (surr.) | 1 | % | 69 | 68 | 52 | 76 |
| 13C2-PFTeDA (surr.) | 1 | % | 76 | 57 | 65 | 76 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 101 | 83 | 78 | 133 |
| D3-N-MeFOSA (surr.) | 1 | % | 36 | 42 | 36 | 70 |
| D5-N-EtFOSA (surr.) | 1 | % | 35 | 38 | 29 | 55 |
| D7-N-MeFOSE (surr.) | 1 | % | 66 | 51 | 44 | 59 |
| D9-N-EtFOSE (surr.) | 1 | % | 57 | 62 | 54 | 59 |
| D5-N-EtFOSAA (surr.) | 1 | % | 70 | 67 | 57 | 90 |
| D3-N-MeFOSAA (surr.) | 1 | % | 63 | 73 | 60 | 103 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.13 | 0.56 | 0.37 | 0.08 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | 0.02 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.07 | 0.21 | 0.26 | 0.03 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.13 | [N09]0.55 | [N09]0.28 | [N09]0.06 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 1.3 | [N09]3.0 | [N09]2.0 | [N09]0.48 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.09 | 0.14 | 0.09 | [N09]0.02 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 1.9 | [N09]4.3 | [N09]2.0 | [N09]0.98 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | 0.03 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW011_241031 | 0861_SW059_241031 | 0861_SW037_241031 | 0861_SW002_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003724 | B24-No0003725 | B24-No0003726 | B24-No0003727 |
| Date Sampled | | | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 115 | 95 | 85 | 133 |
| 18O2-PFHxS (surr.) | 1 | % | 81 | 94 | 109 | 103 |
| 13C8-PFOS (surr.) | 1 | % | 64 | 58 | 58 | 87 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 119 | 106 | 89 | 131 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 76 | 89 | 144 | [J+]178 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 99 | 126 | 87 | 111 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 65 | 130 | 101 | 57 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 3.2 | 7.3 | 4 | 1.46 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 1.99 | 4.66 | 2.1 | 1.07 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 3.29 | 7.66 | 4.1 | 1.55 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 4.07 | 10.32 | 5.44 | 2.82 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 4.36 | 11.31 | 6.07 | 2.95 |

| Client Sample ID | | | 0861_SW049_241101 | 0861_SW021_241101 | 0861_QC501_241101 | 0861_QC101_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003728 | B24-No0003729 | B24-No0003730 | B24-No0003731 |
| Date Sampled | | | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.08 | 0.26 | < 0.05 | 0.20 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.08 | 0.28 | < 0.01 | 0.47 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.18 | 0.49 | < 0.01 | 0.47 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.03 | [N09]0.09 | < 0.01 | [N09]0.18 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.06 | [N09]0.23 | < 0.01 | [N09]0.09 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | 0.03 | < 0.01 | 0.02 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 55 | 50 | 97 | 52 |
| 13C5-PFPeA (surr.) | 1 | % | 55 | 52 | 116 | 121 |
| 13C5-PFHxA (surr.) | 1 | % | 79 | 69 | 118 | 71 |
| 13C4-PFHpA (surr.) | 1 | % | 83 | 65 | 91 | 85 |
| 13C8-PFOA (surr.) | 1 | % | 83 | 59 | 90 | 100 |
| 13C5-PFNA (surr.) | 1 | % | 80 | 56 | 84 | 101 |
| 13C6-PFDA (surr.) | 1 | % | 66 | 55 | 84 | 88 |

| Client Sample ID | | | 0861_SW049_241101 | 0861_SW021_241101 | 0861_QC501_241101 | 0861_QC101_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003728 | B24-No0003729 | B24-No0003730 | B24-No0003731 |
| Date Sampled | | | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 60 | 49 | 82 | 82 |
| 13C2-PFDoDA (surr.) | 1 | % | 87 | 39 | 76 | 67 |
| 13C2-PFTeDA (surr.) | 1 | % | 71 | 44 | 81 | 64 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 67 | 61 | 88 | 95 |
| D3-N-MeFOSA (surr.) | 1 | % | 16 | 31 | 47 | 44 |
| D5-N-EtFOSA (surr.) | 1 | % | 15 | 28 | 52 | 42 |
| D7-N-MeFOSE (surr.) | 1 | % | 33 | 42 | 88 | 57 |
| D9-N-EtFOSE (surr.) | 1 | % | 33 | 40 | 77 | 58 |
| D5-N-EtFOSAA (surr.) | 1 | % | 67 | 39 | 70 | 63 |
| D3-N-MeFOSAA (surr.) | 1 | % | 115 | 31 | 59 | 54 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.09 | 0.19 | < 0.01 | 0.07 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | 0.02 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.03 | 0.04 | < 0.01 | 0.03 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.06 | [N09]0.19 | < 0.01 | [N09]0.06 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 0.38 | 2.3 | < 0.01 | 0.51 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.03 | 0.11 | < 0.01 | 0.03 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.80 | 6.4 | < 0.01 | 1.0 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | 0.02 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 84 | 69 | 120 | 112 |
| 18O2-PFHxS (surr.) | 1 | % | 66 | [J-]43 | 98 | 80 |
| 13C8-PFOS (surr.) | 1 | % | 114 | [J-]32 | 57 | 131 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 100 | 63 | 83 | 93 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 139 | 78 | 83 | 53 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 62 | 26 | 33 | 66 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 60 | 33 | 64 | 62 |

| Client Sample ID | | | 0861_SW049_241101 | 0861_SW021_241101 | 0861_QC501_241101 | 0861_QC101_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003728 | B24-No0003729 | B24-No0003730 | B24-No0003731 |
| Date Sampled | | | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.18 | 8.7 | < 0.01 | 1.51 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.86 | 6.63 | < 0.01 | 1.09 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.24 | 8.93 | < 0.01 | 1.6 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.7 | 10.24 | < 0.05 | 3.04 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.82 | 10.65 | < 0.1 | 3.18 |

| Client Sample ID | | | 0861_QC301_241101 | 0861_QC401_241101 | 0861_MW050_241028 | 0861_MW005_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003732 | B24-No0003733 | B24-No0003748 | B24-No0003749 |
| Date Sampled | | | Nov 01, 2024 | Nov 01, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 68 | 64 | 87 | 66 |
| 13C5-PFPeA (surr.) | 1 | % | 87 | 78 | 101 | 85 |
| 13C5-PFHxA (surr.) | 1 | % | 88 | 82 | 119 | 93 |
| 13C4-PFHpA (surr.) | 1 | % | 67 | 61 | 98 | 73 |
| 13C8-PFOA (surr.) | 1 | % | 64 | 58 | 89 | 63 |
| 13C5-PFNA (surr.) | 1 | % | 62 | 57 | 79 | 57 |
| 13C6-PFDA (surr.) | 1 | % | 64 | 58 | 80 | 54 |
| 13C2-PFUnDA (surr.) | 1 | % | 68 | 60 | 86 | 71 |
| 13C2-PFDoDA (surr.) | 1 | % | 65 | 77 | 58 | 58 |
| 13C2-PFTeDA (surr.) | 1 | % | 81 | 76 | 61 | 54 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 74 | 60 | 88 | 64 |

| Client Sample ID | | | 0861_QC301_241101 | 0861_QC401_241101 | 0861_MW050_241028 | 0861_MW005_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003732 | B24-No0003733 | B24-No0003748 | B24-No0003749 |
| Date Sampled | | | Nov 01, 2024 | Nov 01, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 66 | 49 | 49 | 21 |
| D5-N-EtFOSA (surr.) | 1 | % | 66 | 45 | 45 | 22 |
| D7-N-MeFOSE (surr.) | 1 | % | 56 | 49 | 46 | 36 |
| D9-N-EtFOSE (surr.) | 1 | % | 53 | 55 | 52 | 68 |
| D5-N-EtFOSAA (surr.) | 1 | % | 58 | 85 | 62 | 54 |
| D3-N-MeFOSAA (surr.) | 1 | % | 84 | 52 | 63 | 32 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]< 0.01 | 0.06 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.06 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 88 | 76 | 99 | 86 |
| 18O2-PFHxS (surr.) | 1 | % | 66 | 58 | 74 | 59 |
| 13C8-PFOS (surr.) | 1 | % | 127 | 58 | 73 | 54 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 57 | 56 | 108 | 74 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 72 | 84 | 104 | 146 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 60 | 74 | 84 | 23 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 68 | 69 | 106 | 72 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.06 | 0.06 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.06 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.06 | 0.06 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.06 | 0.07 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_MW047_241028 | 0861_MW032_241028 | 0861_MW037_241028 | 0861_MW020_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003750 | B24-No0003751 | B24-No0003752 | B24-No0003753 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.17 | 0.56 | 0.33 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.18 | 0.61 | 0.43 | 0.02 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.45 | 3.1 | 2.1 | 0.03 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.04 | [N09]0.74 | [N09]0.25 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.07 | [N09]1.7 | [N09]0.18 | [N09]0.02 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | 0.05 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 113 | 67 | 77 | 57 |
| 13C5-PFPeA (surr.) | 1 | % | 52 | 79 | 77 | 76 |
| 13C5-PFHxA (surr.) | 1 | % | 62 | 123 | 95 | 80 |
| 13C4-PFHpA (surr.) | 1 | % | 58 | 69 | 78 | 65 |
| 13C8-PFOA (surr.) | 1 | % | 107 | 131 | 60 | 57 |
| 13C5-PFNA (surr.) | 1 | % | 76 | 70 | 75 | 53 |
| 13C6-PFDA (surr.) | 1 | % | 65 | 110 | 73 | 52 |
| 13C2-PFUnDA (surr.) | 1 | % | 65 | 67 | 71 | 50 |
| 13C2-PFDoDA (surr.) | 1 | % | 26 | 64 | 62 | 78 |
| 13C2-PFTeDA (surr.) | 1 | % | 20 | 68 | 82 | 54 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 27 | 88 | 91 | 56 |
| D3-N-MeFOSA (surr.) | 1 | % | [J-]2.0 | 37 | 25 | 23 |
| D5-N-EtFOSA (surr.) | 1 | % | [J-]2.0 | 38 | 25 | 22 |
| D7-N-MeFOSE (surr.) | 1 | % | 147 | 58 | 48 | 46 |
| D9-N-EtFOSE (surr.) | 1 | % | 13 | 58 | 50 | 79 |
| D5-N-EtFOSAA (surr.) | 1 | % | 27 | 65 | 58 | 73 |
| D3-N-MeFOSAA (surr.) | 1 | % | 59 | 51 | 80 | 107 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.37 | 1.6 | 2.1 | 0.04 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.23 | 0.61 | 1.5 | 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.24 | [N09]1.4 | [N09]1.6 | [N09]0.03 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 2.5 | 9.0 | 7.7 | 0.21 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.12 | 0.66 | 0.14 | 0.02 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 2.3 | 17 | 0.37 | 0.46 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW047_241028 | 0861_MW032_241028 | 0861_MW037_241028 | 0861_MW020_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003750 | B24-No0003751 | B24-No0003752 | B24-No0003753 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 57 | 122 | 103 | 76 |
| 18O2-PFHxS (surr.) | 1 | % | 94 | 113 | 101 | 58 |
| 13C8-PFOS (surr.) | 1 | % | 54 | 90 | 144 | 97 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.09 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 72 | 70 | 72 | 55 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 68 | 62 | 56 | 71 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 32 | 32 | 46 | 25 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 25 | 53 | 51 | 82 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 4.8 | 26 | 8.07 | 0.67 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 2.37 | 18.7 | 0.55 | 0.48 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 4.87 | 27.7 | 8.25 | 0.69 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 6.08 | 34.4 | 13.46 | 0.78 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 6.67 | 37.12 | 16.7 | 0.84 |

| Client Sample ID | | | 0861_MW012_241028 | 0861_MW002_241029 | 0861_MW034_241029 | 0861_MW046_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003754 | B24-No0003755 | B24-No0003756 | B24-No0003757 |
| Date Sampled | | | Oct 28, 2024 | Oct 29, 2024 | Oct 29, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | 18 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 54 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 78 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 10 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 23 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.85 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.09 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.04 |
| 13C4-PFBA (surr.) | 1 | % | 100 | 54 | 107 | 104 |
| 13C5-PFPeA (surr.) | 1 | % | 141 | 58 | 115 | 69 |
| 13C5-PFHxA (surr.) | 1 | % | 143 | 54 | 135 | 54 |
| 13C4-PFHpA (surr.) | 1 | % | 122 | 51 | 114 | 92 |
| 13C8-PFOA (surr.) | 1 | % | 105 | 52 | 110 | 68 |
| 13C5-PFNA (surr.) | 1 | % | 102 | 29 | 107 | 81 |
| 13C6-PFDA (surr.) | 1 | % | 102 | 29 | 99 | 64 |

| Client Sample ID | | | 0861_MW012_241028 | 0861_MW002_241029 | 0861_MW034_241029 | 0861_MW046_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003754 | B24-No0003755 | B24-No0003756 | B24-No0003757 |
| Date Sampled | | | Oct 28, 2024 | Oct 29, 2024 | Oct 29, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 98 | 25 | 86 | 60 |
| 13C2-PFDoDA (surr.) | 1 | % | 91 | 26 | 69 | 59 |
| 13C2-PFTeDA (surr.) | 1 | % | 85 | 62 | 72 | 95 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 115 | 78 | 87 | 65 |
| D3-N-MeFOSA (surr.) | 1 | % | 27 | 17 | 21 | 78 |
| D5-N-EtFOSA (surr.) | 1 | % | 27 | 19 | 21 | 97 |
| D7-N-MeFOSE (surr.) | 1 | % | 66 | 24 | 48 | 101 |
| D9-N-EtFOSE (surr.) | 1 | % | 65 | 56 | 53 | 118 |
| D5-N-EtFOSAA (surr.) | 1 | % | 91 | 24 | 72 | 62 |
| D3-N-MeFOSAA (surr.) | 1 | % | 69 | 19 | 59 | 51 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 17 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.33 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 5.8 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 15 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | 120 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 12 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.07 | 240 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 140 | 51 | 114 | 71 |
| 18O2-PFHxS (surr.) | 1 | % | 109 | 53 | 84 | 73 |
| 13C8-PFOS (surr.) | 1 | % | 120 | 55 | 136 | 68 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.07 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.10 | 41 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 1.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 101 | 35 | 127 | 54 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 83 | 17 | 150 | 71 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 59 | 16 | 111 | 81 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 82 | 61 | 99 | 62 |

| Client Sample ID | | | 0861_MW012_241028 | 0861_MW002_241029 | 0861_MW034_241029 | 0861_MW046_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003754 | B24-No0003755 | B24-No0003756 | B24-No0003757 |
| Date Sampled | | | Oct 28, 2024 | Oct 29, 2024 | Oct 29, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.09 | 360 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.08 | 263 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.1 | 383 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.21 | 602.1 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.21 | 636.29 |

| Client Sample ID | | | 0861_MW537_241031 | 0861_MW026_241031 | 0861_MW041_241031 | 0861_MW539_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003758 | B24-No0003759 | B24-No0003760 | B24-No0003761 |
| Date Sampled | | | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.11 | < 0.05 | 0.17 | 0.48 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.09 | < 0.01 | 0.38 | 0.64 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.35 | < 0.01 | 0.46 | 2.9 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | [N09]0.21 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | [N09]0.02 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 79 | 120 | 114 | 69 |
| 13C5-PFPeA (surr.) | 1 | % | 98 | 80 | 127 | 62 |
| 13C5-PFHxA (surr.) | 1 | % | 100 | 97 | 58 | 59 |
| 13C4-PFHpA (surr.) | 1 | % | 101 | 106 | 77 | 64 |
| 13C8-PFOA (surr.) | 1 | % | 89 | 148 | 87 | 58 |
| 13C5-PFNA (surr.) | 1 | % | 82 | 149 | 86 | 69 |
| 13C6-PFDA (surr.) | 1 | % | 75 | 136 | 73 | 64 |
| 13C2-PFUnDA (surr.) | 1 | % | 72 | 76 | 72 | 68 |
| 13C2-PFDoDA (surr.) | 1 | % | 69 | 116 | 52 | 53 |
| 13C2-PFTeDA (surr.) | 1 | % | 88 | 117 | 58 | 60 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 80 | 153 | 52 | 79 |

| Client Sample ID | | | 0861_MW537_241031 | 0861_MW026_241031 | 0861_MW041_241031 | 0861_MW539_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003758 | B24-No0003759 | B24-No0003760 | B24-No0003761 |
| Date Sampled | | | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 45 | 109 | 25 | 51 |
| D5-N-EtFOSA (surr.) | 1 | % | 49 | 94 | 25 | 54 |
| D7-N-MeFOSE (surr.) | 1 | % | 66 | 115 | 21 | 58 |
| D9-N-EtFOSE (surr.) | 1 | % | 64 | 128 | 29 | 58 |
| D5-N-EtFOSAA (surr.) | 1 | % | 58 | 117 | 52 | 58 |
| D3-N-MeFOSAA (surr.) | 1 | % | 49 | 121 | 55 | 56 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.28 | < 0.01 | 0.42 | 2.9 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.18 | < 0.01 | 0.28 | 2.2 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | 0.12 | < 0.01 | [N09]0.10 | [N09]1.9 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 0.14 | < 0.01 | [N09]0.13 | [N09]3.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.07 | < 0.01 | [N09]0.26 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 97 | 94 | 80 | 95 |
| 18O2-PFHxS (surr.) | 1 | % | 85 | 145 | 70 | 113 |
| 13C8-PFOS (surr.) | 1 | % | 142 | 134 | 64 | 67 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 78 | 67 | 77 | 55 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 72 | 103 | 148 | 87 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 40 | 130 | 111 | 54 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 49 | 63 | 96 | 94 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.21 | < 0.01 | 0.39 | 3.1 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.08 | < 0.01 | 0.26 | 0.02 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.22 | < 0.01 | 0.39 | 3.12 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.07 | < 0.05 | 1.82 | 10.25 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.37 | < 0.1 | 2.2 | 14.35 |

| Client Sample ID | | | 0861_MW033_241031 | 0861_QC101_241028 | 0861_QC301_241028 | 0861_QC401_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003762 | B24-No0003763 | B24-No0003764 | B24-No0003765 |
| Date Sampled | | | Oct 31, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.31 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.41 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 2.0 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.24 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.16 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 88 | 74 | 71 | 122 |
| 13C5-PFPeA (surr.) | 1 | % | 120 | 70 | 89 | 158 |
| 13C5-PFHxA (surr.) | 1 | % | 142 | 70 | 90 | 158 |
| 13C4-PFHpA (surr.) | 1 | % | 114 | 74 | 68 | 118 |
| 13C8-PFOA (surr.) | 1 | % | 98 | 58 | 66 | 106 |
| 13C5-PFNA (surr.) | 1 | % | 91 | 71 | 62 | 91 |
| 13C6-PFDA (surr.) | 1 | % | 86 | 71 | 64 | 76 |
| 13C2-PFUnDA (surr.) | 1 | % | 93 | 82 | 71 | 58 |
| 13C2-PFDoDA (surr.) | 1 | % | 72 | 60 | 55 | 24 |
| 13C2-PFTeDA (surr.) | 1 | % | 80 | 86 | 62 | 16 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 72 | 75 | 67 | 42 |
| D3-N-MeFOSA (surr.) | 1 | % | 26 | 25 | 66 | [J-]< 1 |
| D5-N-EtFOSA (surr.) | 1 | % | 27 | 22 | 69 | [J-]< 1 |
| D7-N-MeFOSE (surr.) | 1 | % | 32 | 46 | 62 | [J-]7.0 |
| D9-N-EtFOSE (surr.) | 1 | % | 39 | 41 | 71 | [J-]11 |
| D5-N-EtFOSAA (surr.) | 1 | % | 75 | 62 | 53 | 36 |
| D3-N-MeFOSAA (surr.) | 1 | % | 64 | 66 | 54 | 48 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 2.2 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 1.6 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | [N09]1.8 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]7.1 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.13 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.35 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW033_241031 | 0861_QC101_241028 | 0861_QC301_241028 | 0861_QC401_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003762 | B24-No0003763 | B24-No0003764 | B24-No0003765 |
| Date Sampled | | | Oct 31, 2024 | Oct 28, 2024 | Oct 28, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 118 | 109 | 93 | 151 |
| 18O2-PFHxS (surr.) | 1 | % | 85 | 135 | 62 | 107 |
| 13C8-PFOS (surr.) | 1 | % | 82 | 71 | 66 | 88 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 121 | 74 | 55 | 113 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 105 | 59 | 58 | 106 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 73 | 69 | 60 | 89 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 127 | 102 | 93 | 59 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 7.45 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.51 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 7.61 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 12.77 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 16.3 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_MW536_241031 | 0861_MW030_241101 | 0861_MW031_241101 | 0861_MW535_241101 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003766 | B24-No0003767 | B24-No0003768 | B24-No0003769 |
| Date Sampled | | | Oct 31, 2024 | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.10 | 1.2 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.18 | 1.8 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.22 | 9.2 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.06 | [N09]1.5 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.06 | [N09]1.3 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 76 | 71 | 75 | 91 |
| 13C5-PFPeA (surr.) | 1 | % | 87 | 56 | 58 | 110 |
| 13C5-PFHxA (surr.) | 1 | % | 98 | 50 | 102 | 114 |
| 13C4-PFHpA (surr.) | 1 | % | 85 | 57 | 121 | 91 |
| 13C8-PFOA (surr.) | 1 | % | 73 | 91 | 117 | 82 |
| 13C5-PFNA (surr.) | 1 | % | 72 | 91 | 98 | 76 |
| 13C6-PFDA (surr.) | 1 | % | 65 | 84 | 86 | 73 |

| Client Sample ID | | | 0861_MW536_241031 | 0861_MW030_241101 | 0861_MW031_241101 | 0861_MW535_241101 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003766 | B24-No0003767 | B24-No0003768 | B24-No0003769 |
| Date Sampled | | | Oct 31, 2024 | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 72 | 100 | 83 | 77 |
| 13C2-PFDoDA (surr.) | 1 | % | 55 | 76 | 47 | 58 |
| 13C2-PFTeDA (surr.) | 1 | % | 64 | 89 | 18 | 71 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 75 | 93 | 84 | 87 |
| D3-N-MeFOSA (surr.) | 1 | % | 39 | 63 | [J-]8.0 | 26 |
| D5-N-EtFOSA (surr.) | 1 | % | 34 | 58 | [J-]5.0 | 19 |
| D7-N-MeFOSE (surr.) | 1 | % | 59 | 67 | 49 | 43 |
| D9-N-EtFOSE (surr.) | 1 | % | 53 | 76 | 44 | 47 |
| D5-N-EtFOSAA (surr.) | 1 | % | 59 | 73 | 58 | 63 |
| D3-N-MeFOSAA (surr.) | 1 | % | 60 | 79 | 65 | 67 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.09 | 5.0 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.04 | 2.2 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | 0.07 | [N09]4.0 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.48 | [N09]13 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.02 | [N09]0.20 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.66 | [N09]0.26 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 91 | 87 | 130 | 101 |
| 18O2-PFHxS (surr.) | 1 | % | 68 | 101 | 103 | 74 |
| 13C8-PFOS (surr.) | 1 | % | 62 | 86 | 89 | 73 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 91 | 56 | 110 | 100 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 86 | 150 | 138 | 75 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 52 | 73 | 81 | 70 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 96 | 135 | 83 | 103 |

| Client Sample ID | | | 0861_MW536_241031 | 0861_MW030_241101 | 0861_MW031_241101 | 0861_MW535_241101 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003766 | B24-No0003767 | B24-No0003768 | B24-No0003769 |
| Date Sampled | | | Oct 31, 2024 | Nov 01, 2024 | Nov 01, 2024 | Nov 01, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.14 | 13.26 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.72 | 1.56 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.2 | 14.56 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.85 | 33.26 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.99 | 39.66 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_MW025_241101 | 0861_QC103_241031 | 0861_QC301_241031 | 0861_QC401_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003770 | B24-No0003771 | B24-No0003772 | B24-No0003773 |
| Date Sampled | | | Nov 01, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.27 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.39 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.51 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.12 | < 0.01 | < 0.01 | [N09]< 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.11 | < 0.01 | < 0.01 | [N09]< 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 80 | 77 | 111 | 87 |
| 13C5-PFPeA (surr.) | 1 | % | 84 | 112 | 143 | 77 |
| 13C5-PFHxA (surr.) | 1 | % | 98 | 119 | 142 | 93 |
| 13C4-PFHpA (surr.) | 1 | % | 86 | 96 | 106 | 84 |
| 13C8-PFOA (surr.) | 1 | % | 75 | 81 | 101 | 72 |
| 13C5-PFNA (surr.) | 1 | % | 77 | 76 | 97 | 75 |
| 13C6-PFDA (surr.) | 1 | % | 71 | 73 | 100 | 68 |
| 13C2-PFUnDA (surr.) | 1 | % | 83 | 84 | 120 | 67 |
| 13C2-PFDoDA (surr.) | 1 | % | 68 | 66 | 93 | 73 |
| 13C2-PFTeDA (surr.) | 1 | % | 91 | 79 | 120 | 90 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 89 | 78 | 107 | 118 |

| Client Sample ID | | | 0861_MW025_241101 | 0861_QC103_241031 | 0861_QC301_241031 | 0861_QC401_241031 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0003770 | B24-No0003771 | B24-No0003772 | B24-No0003773 |
| Date Sampled | | | Nov 01, 2024 | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 47 | 42 | 95 | 104 |
| D5-N-EtFOSA (surr.) | 1 | % | 46 | 40 | 92 | 82 |
| D7-N-MeFOSE (surr.) | 1 | % | 62 | 52 | 93 | 115 |
| D9-N-EtFOSE (surr.) | 1 | % | 61 | 54 | 96 | 101 |
| D5-N-EtFOSAA (surr.) | 1 | % | 70 | 67 | 91 | 58 |
| D3-N-MeFOSAA (surr.) | 1 | % | 66 | 64 | 89 | 50 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.20 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.08 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.11 | < 0.01 | < 0.01 | [N09]< 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.97 | < 0.01 | < 0.01 | [N09]< 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.06 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]1.0 | < 0.01 | < 0.01 | [N09]< 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 95 | 104 | 133 | 65 |
| 18O2-PFHxS (surr.) | 1 | % | 64 | 76 | 93 | 79 |
| 13C8-PFOS (surr.) | 1 | % | 65 | 73 | 96 | 84 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.06 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 105 | 102 | 105 | 100 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 78 | 66 | 87 | 133 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 68 | 68 | 86 | 96 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 123 | 123 | 161 | 76 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.97 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 1.11 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 2.08 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 3.57 | 0.06 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 3.84 | < 0.1 | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Dec 16, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Dec 16, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Dec 16, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Dec 16, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

**Company Name:** [redacted]L
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager : P**[redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_SW048_241028 | Oct 28, 2024 | | Water | B24-No0003720 | | X |
| 2 | 0861_SW027_241028 | Oct 28, 2024 | | Water | B24-No0003721 | | X |
| 3 | 0861_SW056_241028 | Oct 28, 2024 | | Water | B24-No0003722 | | X |
| 4 | 0861_SW076_241028 | Oct 28, 2024 | | Water | B24-No0003723 | | X |
| 5 | 0861_SW011_241031 | Oct 31, 2024 | | Water | B24-No0003724 | | X |
| 6 | 0861_SW059_241031 | Oct 31, 2024 | | Water | B24-No0003725 | | X |
| 7 | 0861_SW037_241031 | Oct 31, 2024 | | Water | B24-No0003726 | | X |
| 8 | 0861_SW002_241031 | Oct 31, 2024 | | Water | B24-No0003727 | | X |
| 9 | 0861_SW049_ | Nov 01, 2024 | | Water | B24-No0003728 | | X |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** 07 3181 5738
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | 241101 | | | | | | |
| 10 | 0861_SW021_241101 | Nov 01, 2024 | | Water | B24-No0003729 | | X |
| 11 | 0861_QC501_241101 | Nov 01, 2024 | | Water | B24-No0003730 | | X |
| 12 | 0861_QC101_241031 | Oct 31, 2024 | | Water | B24-No0003731 | | X |
| 13 | 0861_QC301_241101 | Nov 01, 2024 | | Water | B24-No0003732 | | X |
| 14 | 0861_QC401_241101 | Nov 01, 2024 | | Water | B24-No0003733 | | X |
| 15 | 0861_SD048_241028 | Oct 28, 2024 | | Soil | B24-No0003734 | X | X |
| 16 | 0861_SD027_241028 | Oct 28, 2024 | | Soil | B24-No0003735 | X | X |
| 17 | 0861_SD056_241028 | Oct 28, 2024 | | Soil | B24-No0003736 | X | X |
| 18 | 0861_SD076_241028 | Oct 28, 2024 | | Soil | B24-No0003737 | X | X |
| 19 | 0861_SD030_ | Oct 28, 2024 | | Soil | B24-No0003738 | X | X |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x | x |
| 19 | 0861_SD030_241028 | Oct 28, 2024 | | Soil | B24-No0003738 | | |
| 20 | 0861_SD011_241031 | Oct 31, 2024 | | Soil | B24-No0003739 | x | x |
| 21 | 0861_SD059_241031 | Oct 31, 2024 | | Soil | B24-No0003740 | x | x |
| 22 | 0861_SD037_241031 | Oct 31, 2024 | | Soil | B24-No0003741 | x | x |
| 23 | 0861_SD002_241031 | Oct 31, 2024 | | Soil | B24-No0003742 | x | x |
| 24 | 0861_SD003_241031 | Oct 31, 2024 | | Soil | B24-No0003743 | x | x |
| 25 | 0861_SD049_241101 | Nov 01, 2024 | | Soil | B24-No0003744 | x | x |
| 26 | 0861_SD021_241101 | Nov 01, 2024 | | Soil | B24-No0003745 | x | x |
| 27 | 0861_QC102_241031 | Oct 31, 2024 | | Soil | B24-No0003746 | x | x |
| 28 | 0861_QC502_241101 | Nov 01, 2024 | | Trip Blank (solid) | B24-No0003747 | | x |

**Company Name:** [redacted]
**Address:** [redacted]

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**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_MW050_241028 | Oct 28, 2024 | | Water | B24-No0003748 | | X |
| 30 | 0861_MW005_241028 | Oct 28, 2024 | | Water | B24-No0003749 | | X |
| 31 | 0861_MW047_241028 | Oct 28, 2024 | | Water | B24-No0003750 | | X |
| 32 | 0861_MW032_241028 | Oct 28, 2024 | | Water | B24-No0003751 | | X |
| 33 | 0861_MW037_241028 | Oct 28, 2024 | | Water | B24-No0003752 | | X |
| 34 | 0861_MW020_241028 | Oct 28, 2024 | | Water | B24-No0003753 | | X |
| 35 | 0861_MW012_241028 | Oct 28, 2024 | | Water | B24-No0003754 | | X |
| 36 | 0861_MW002_241029 | Oct 29, 2024 | | Water | B24-No0003755 | | X |
| 37 | 0861_MW034_241029 | Oct 29, 2024 | | Water | B24-No0003756 | | X |
| 38 | 0861_MW046_241031 | Oct 31, 2024 | | Water | B24-No0003757 | | X |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
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**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 39 | 0861_MW537_241031 | Oct 31, 2024 | | Water | B24-No0003758 | | X |
| 40 | 0861_MW026_241031 | Oct 31, 2024 | | Water | B24-No0003759 | | X |
| 41 | 0861_MW041_241031 | Oct 31, 2024 | | Water | B24-No0003760 | | X |
| 42 | 0861_MW539_241031 | Oct 31, 2024 | | Water | B24-No0003761 | | X |
| 43 | 0861_MW033_241031 | Oct 31, 2024 | | Water | B24-No0003762 | | X |
| 44 | 0861_QC101_241028 | Oct 28, 2024 | | Water | B24-No0003763 | | X |
| 45 | 0861_QC301_241028 | Oct 28, 2024 | | Water | B24-No0003764 | | X |
| 46 | 0861_QC401_241028 | Oct 28, 2024 | | Water | B24-No0003765 | | X |
| 47 | 0861_MW536_241031 | Oct 31, 2024 | | Water | B24-No0003766 | | X |
| 48 | 0861_MW030_241101 | Nov 01, 2024 | | Water | B24-No0003767 | | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]
Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]
Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]
web: www.eurofins.com.au
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1155836
**Phone:** [redacted]
**Fax:**

**Received:** Nov 1, 2024 4:30 PM
**Due:** Nov 8, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 49 | 0861_MW031_241101 | Nov 01, 2024 | | Water | B24-No0003768 | | X |
| 50 | 0861_MW535_241101 | Nov 01, 2024 | | Water | B24-No0003769 | | X |
| 51 | 0861_MW025_241101 | Nov 01, 2024 | | Water | B24-No0003770 | | X |
| 52 | 0861_QC103_241031 | Oct 31, 2024 | | Water | B24-No0003771 | | X |
| 53 | 0861_QC301_241031 | Oct 31, 2024 | | Water | B24-No0003772 | | X |
| 54 | 0861_QC401_241031 | Oct 31, 2024 | | Water | B24-No0003773 | | X |
| **Test Counts** | | | | | | 13 | 54 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluoropentanoic acid (PFPeA) | % | 83 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 87 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 83 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 86 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 80 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 95 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 104 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 88 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 104 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 125 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 121 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 87 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 100 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 109 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 97 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 97 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 89 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 110 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 109 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 86 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 89 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluoroheptanesulfonic acid (PFHpS) | % | 110 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 90 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 77 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 93 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 110 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 85 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 98 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 102 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 85 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 74 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 82 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 71 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 96 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 98 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 92 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 68 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 114 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 80 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 89 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 128 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 88 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 95 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 89 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 107 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 101 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 81 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 113 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 86 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 63 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 89 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 109 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 81 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003723 | CP | % | 216 | | | 50-150 | Fail | J01 |
| Perfluorohexanoic acid (PFHxA) | B24-No0003723 | CP | % | 223 | | | 50-150 | Fail | J01 |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003723 | CP | % | 249 | | | 50-150 | Fail | J01 |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorooctanoic acid (PFOA) | B24-No0003723 | CP | % | 316 | | | 50-150 | Fail | J01 |
| Perfluorononanoic acid (PFNA) | B24-No0003723 | CP | % | 65 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003723 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003723 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003723 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003723 | CP | % | 118 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003723 | CP | % | 80 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003723 | CP | % | 72 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003723 | CP | % | 98 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003723 | CP | % | 88 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003723 | CP | % | 89 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003723 | CP | % | 93 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003723 | CP | % | 97 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003723 | CP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003723 | CP | % | 182 | | | 50-150 | Fail | J01 |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003723 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003723 | CP | % | 170 | | | 50-150 | Fail | J01 |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003723 | CP | % | 167 | | | 50-150 | Fail | J01 |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003723 | CP | % | 511 | | | 50-150 | Fail | J01 |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003723 | CP | % | 190 | | | 50-150 | Fail | J01 |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003723 | CP | % | 399 | | | 50-150 | Fail | J01 |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003723 | CP | % | 95 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003723 | CP | % | 94 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003723 | CP | % | 207 | | | 50-150 | Fail | J01 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003723 | CP | % | 92 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003723 | CP | % | 91 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003762 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003762 | CP | % | 98 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid (PFHxA) | B24-No0003762 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003762 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003762 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003762 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003762 | CP | % | 81 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003762 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003762 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003762 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003762 | CP | % | 98 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003762 | CP | % | 65 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003762 | CP | % | 92 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003762 | CP | % | 74 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003762 | CP | % | 97 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003762 | CP | % | 129 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003762 | CP | % | 89 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003762 | CP | % | 92 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003762 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003762 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003762 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003762 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003762 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003762 | CP | % | 109 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003762 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003762 | CP | % | 57 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003762 | CP | % | 89 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003762 | CP | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003762 | CP | % | 93 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003762 | CP | % | 81 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003748 | CP | ug/L | 0.06 | 0.06 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003748 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003748 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003749 | CP | ug/L | 0.01 | 0.01 | 4.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003749 | CP | ug/L | 0.06 | 0.06 | 3.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003749 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003749 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003755 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003755 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0003770 | CP | ug/L | 0.27 | 0.26 | 2.0 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0003770 | CP | ug/L | 0.39 | 0.37 | 5.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0003770 | CP | ug/L | 0.51 | 0.51 | 1.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0003770 | CP | ug/L | 0.12 | 0.12 | 4.0 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0003770 | CP | ug/L | 0.11 | 0.11 | 5.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0003770 | CP | ug/L | 0.02 | 0.01 | 16 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0003770 | CP | ug/L | 0.20 | 0.20 | 3.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0003770 | CP | ug/L | 0.08 | 0.08 | 2.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0003770 | CP | ug/L | 0.11 | 0.11 | 1.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0003770 | CP | ug/L | 0.97 | 0.92 | 5.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0003770 | CP | ug/L | 0.06 | 0.05 | 9.0 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0003770 | CP | ug/L | 1.0 | 1.0 | 3.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0003770 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0003770 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

Report 1155836-V2 (amendment to report 1155836) has been issued with revised results for PFAS on sample No0003765, following repeat analysis.

Report 1155836-V3 (amendment to report 1155836) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| J01 | Failures of the Matrix Spike (MS) due to the presence of analytes(s) in parent sample at > 3X the spike concentration. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager

[redacted] Senior Analyst-PFAS

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO [redacted]

SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:

SAMPLERS: [redacted]

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW021_241104 | water | 1/11/24 | | 1 x bottle | | X | | | |
| 0861_MW558_241104 | " | 4/11/24 | | " | | X | | | |
| 0861_MW065D_241104 | | " | | | | X | | | |
| 0861_MW055S_241104 | | " | | | | X | | | |
| 0861_MW024_241104 | | " | | | | X | | | |
| 0861_MW044_241104 | | " | | | | X | | | |
| 0861_MW036_241104 | | " | | | | X | | | |
| 0861_MW029_241104 | | " | | | | X | | | |
| 0861_MW028_241104 | | " | | | | X | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_QC101_241104 | " | 4/11/24 | | " | | X | | | |
| 0861_QC301_241105 | " | 5/11/24 | | " | | X | | | |
| 0861_QC401_241105 | " | " | | " | | X | | | |

1156536

RELINQUISHED BY:
NAME: [redacted] DATE: 5/11/2024
OF: JBS&G

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.

RECEIVED BY:
NAME: [redacted]
DATE:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

NAME:
OF:

CONSIGNMENT NOTE NO.
TRANSPORT CO

NAME: [redacted]
OF:

COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Sediment

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD050_241104 | Soil | 4/11/24 | | 1 x tub | | X | | | |
| 0861_SD051_241104 | " | " | | " | | X | | | |
| 0861_SD053_241105 | | 5/11/24 | | | | X | | | |
| 0861_SD064_241105 | | | | | | X | | | |
| 0861_SD067_241105 | | | | | | X | | | |
| 0861_SD041_241105 | | | | | | X | | | |
| 0861_SD079_241105 | | | | | | X | | | |
| 0861_SD080_241105 | | | | | | X | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_QC101_241105 | | | | 1 | | X | | | |
| 0861_QC301_241104 | Water | 4/11/24 | | 1 x bottle | | X | | | |
| 0861_QC401_241104 | " | " | | " | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 5/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW050_241104 | water | 4/11/24 | | 1 x bottle | | X | | | |
| 0861_SW051_241104 | " | " | | " | | X | | | |
| 0861_SW053_241105 | " | 5/11/24 | | " | | X | | | |
| ~~0861_SW044_241105~~ | " | " | | " | | [redacted] | | | |
| ~~0861_SW067_241105~~ | " | " | | " | | [redacted] | | | |
| 0861_SW041_241105 | " | " | | " | | X | | | |
| 0861_SW079_241105 | " | " | | " | | X | | | |
| 0861_SW080_241105 | " | " | | " | | X | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_QC102_241105 | " | " | | " | | X | | | |
| 0861_QC501_241105 | " | " | | " | | X | | | |
| 0861_QC502_241105 | sed | " | | 1 x tub | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] 5/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: | |
| | | OF: | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = **Sodium Hydroxide Prsvd**; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Surface Water

P/s fwd Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT & I[redacted] | |
| SEND INVOICE TO[redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**
please use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC202_241105 | water | 5/11/24 | | 1 x bottle | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] ES /11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Sediment

Pls fwd Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL

**Standard LOR**

pls use sample ID for results

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241105 | Sed | 5/11/24 | | 1 x 4oz | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024<br>OF: JBS&G | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium **Hydroxide Prsvd;** VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Groundwater

Pls fwd Envirolab

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO: [redacted]

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241104 | water | 4/11/24 | | 1 x bottle | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] TE: 5///2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: | |
| | | OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1156536-S-V3**
Project name DoD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 05, 2024

| Client Sample ID | | | 0861_QC101_241105 | 0861_QC502_241104 |
|---|---|---|---|---|
| Sample Matrix | | | Soil | Trip Blank (solid) |
| Eurofins Sample No. | | | B24-No0010334 | B24-No0010345 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | |
| **Sample Properties** | | | | |
| % Moisture | 1 | % | 57 | - |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 110 | 144 |
| 13C5-PFPeA (surr.) | 1 | % | 118 | 163 |
| 13C5-PFHxA (surr.) | 1 | % | 120 | 158 |
| 13C4-PFHpA (surr.) | 1 | % | 82 | 101 |
| 13C8-PFOA (surr.) | 1 | % | 83 | 106 |
| 13C5-PFNA (surr.) | 1 | % | 78 | 105 |
| 13C6-PFDA (surr.) | 1 | % | 83 | 119 |
| 13C2-PFUnDA (surr.) | 1 | % | 83 | 110 |
| 13C2-PFDoDA (surr.) | 1 | % | 81 | 103 |
| 13C2-PFTeDA (surr.) | 1 | % | 160 | 167 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |

| Client Sample ID | | | 0861_QC101_241105 | 0861_QC502_241104 |
|---|---|---|---|---|
| Sample Matrix | | | Soil | Trip Blank (solid) |
| Eurofins Sample No. | | | B24-No0010334 | B24-No0010345 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |
| 13C8-FOSA (surr.) | 1 | % | 100 | 146 |
| D3-N-MeFOSA (surr.) | 1 | % | 120 | 143 |
| D5-N-EtFOSA (surr.) | 1 | % | 73 | 133 |
| D7-N-MeFOSE (surr.) | 1 | % | 85 | 84 |
| D9-N-EtFOSE (surr.) | 1 | % | 95 | 127 |
| D5-N-EtFOSAA (surr.) | 1 | % | 77 | 153 |
| D3-N-MeFOSAA (surr.) | 1 | % | 84 | 173 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | [N09]22 | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | [N09]130 | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | < 5 |
| 13C3-PFBS (surr.) | 1 | % | 95 | 131 |
| 18O2-PFHxS (surr.) | 1 | % | 98 | 117 |
| 13C8-PFOS (surr.) | 1 | % | 96 | 127 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 73 | 104 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 83 | 137 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 69 | 101 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 87 | 103 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | 152 | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | 130 | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | 152 | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | 152 | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | 152 | < 50 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| % Moisture | Brisbane | Nov 05, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 05, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 05, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 05, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 05, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1156536
**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_MW021_241101 | Nov 01, 2024 | | Water | B24-No0010314 | | X |
| 2 | 0861_MW538_241104 | Nov 04, 2024 | | Water | B24-No0010315 | | X |
| 3 | 0861_MW55D_241104 | Nov 04, 2024 | | Water | B24-No0010316 | | X |
| 4 | 0861_MW55S_241104 | Nov 04, 2024 | | Water | B24-No0010317 | | X |
| 5 | 0861_MW024_241104 | Nov 04, 2024 | | Water | B24-No0010318 | | X |
| 6 | 0861_MW044_241104 | Nov 04, 2024 | | Water | B24-No0010319 | | X |
| 7 | 0861_MW036_241104 | Nov 04, 2024 | | Water | B24-No0010320 | | X |
| 8 | 0861_MW029_241104 | Nov 04, 2024 | | Water | B24-No0010321 | | X |
| 9 | 0861_MW028 | Nov 04, 2024 | | Water | B24-No0010322 | | X |

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[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]
IANZ# 1402

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1156536
**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | _241104 | | | | | | |
| 10 | 0861_QC101_241104 | Nov 04, 2024 | | Water | B24-No0010323 | | X |
| 11 | 0861_QC301_241105 | Nov 05, 2024 | | Water | B24-No0010324 | | X |
| 12 | 0861_QC401_241105 | Nov 05, 2024 | | Water | B24-No0010325 | | X |
| 13 | 0861_SD050_241104 | Nov 04, 2024 | | Soil | B24-No0010326 | X | X |
| 14 | 0861_SD051_241104 | Nov 04, 2024 | | Soil | B24-No0010327 | X | X |
| 15 | 0861_SD053_241105 | Nov 05, 2024 | | Soil | B24-No0010328 | X | X |
| 16 | 0861_SD064_241105 | Nov 05, 2024 | | Soil | B24-No0010329 | X | X |
| 17 | 0861_SD067_241105 | Nov 05, 2024 | | Soil | B24-No0010330 | X | X |
| 18 | 0861_SD041_241105 | Nov 05, 2024 | | Soil | B24-No0010331 | X | X |
| 19 | 0861_SD079_ | Nov 05, 2024 | | Soil | B24-No0010332 | X | X |

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IANZ# 1402

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1156536
**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_SD079_241105 | Nov 05, 2024 | | Soil | B24-No0010332 | | |
| 20 | 0861_SD080_241105 | Nov 05, 2024 | | Soil | B24-No0010333 | X | X |
| 21 | 0861_QC101_241105 | Nov 05, 2024 | | Soil | B24-No0010334 | X | X |
| 22 | 0861_QC301_241104 | Nov 04, 2024 | | Water | B24-No0010335 | | X |
| 23 | 0861_QC401_241104 | Nov 04, 2024 | | Water | B24-No0010336 | | X |
| 24 | 0861_SW050_241104 | Nov 04, 2024 | | Water | B24-No0010337 | | X |
| 25 | 0861_SW051_241104 | Nov 04, 2024 | | Water | B24-No0010338 | | X |
| 26 | 0861_SW053_241105 | Nov 05, 2024 | | Water | B24-No0010339 | | X |
| 27 | 0861_SW041_241105 | Nov 05, 2024 | | Water | B24-No0010340 | | X |
| 28 | 0861_SW079_241105 | Nov 05, 2024 | | Water | B24-No0010341 | | X |

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[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
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**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_SW080_241105 | Nov 05, 2024 | | Water | B24-No0010342 | | X |
| 30 | 0861_QC102_241105 | Nov 05, 2024 | | Water | B24-No0010343 | | X |
| 31 | 0861_QC501_241104 | Nov 04, 2024 | | Water | B24-No0010344 | | X |
| 32 | 0861_QC502_241104 | Nov 04, 2024 | | Trip Blank (solid) | B24-No0010345 | | X |
| **Test Counts** | | | | | | 9 | 32 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

**mg/kg:** milligrams per kilogram
**mg/L:** milligrams per litre
**ppm:** parts per million
**µg/L:** micrograms per litre
**ppb:** parts per billion
**%:** Percentage
**org/100 mL:** Organisms per 100 millilitres
**NTU:** Nephelometric Turbidity Units
**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
**CFU:** Colony Forming Unit
**Colour:** Pt-Co Units (CU)

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 104 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 101 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 88 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 101 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 91 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 113 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 106 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 97 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 143 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 138 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 113 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 65 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 132 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 97 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 90 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 117 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 113 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 106 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 88 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 110 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 94 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 84 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 97 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 106 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 94 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 125 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 140 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010327 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010327 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010327 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010327 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010327 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010327 | CP | % | 134 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010327 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010327 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010327 | CP | % | 130 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010327 | CP | % | 127 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010327 | CP | % | 117 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010327 | CP | % | 65 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010327 | CP | % | 143 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010327 | CP | % | 98 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010327 | CP | % | 113 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010327 | CP | % | 72 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010327 | CP | % | 104 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010327 | CP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010327 | CP | % | 80 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010327 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010327 | CP | % | 90 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010327 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010327 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010327 | CP | % | 108 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010327 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010327 | CP | % | 77 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010327 | CP | % | 85 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010327 | CP | % | 110 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010327 | CP | % | 125 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010327 | CP | % | 128 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0010333 | CP | % | 56 | 56 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0010346 | NCP | % | 10 | 12 | 10 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010334 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010334 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010334 | CP | ug/kg | 22 | 29 | 27 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010334 | CP | ug/kg | 130 | 160 | 20 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010334 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010334 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

## Comments

Report 1156536-S-V2 (amendment to report 1156536-S) has been issued with corrected sample IDs.
Report 1156536-V3 (amendment to report 1156536) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-Sample Properties

[redacted]
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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[redacted]

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NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1156536-W-V3**
Project name DoD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 05, 2024

| **Client Sample ID** | | | **0861_MW021_241101** | **0861_MW538_241104** | **0861_MW55D_241104** | **0861_MW55S_241104** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B24-No0010314** | **B24-No0010315** | **B24-No0010316** | **B24-No0010317** |
| **Date Sampled** | | | **Nov 01, 2024** | **Nov 04, 2024** | **Nov 04, 2024** | **Nov 04, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.44 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.67 | < 0.01 | < 0.01 | 0.03 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | [N09]3.8 | < 0.01 | < 0.01 | [N09]0.19 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.85 | < 0.01 | < 0.01 | [N09]0.03 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]2.3 | < 0.01 | < 0.01 | [N09]0.07 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.08 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 73 | 72 | 93 | 81 |
| 13C5-PFPeA (surr.) | 1 | % | 78 | 92 | 161 | 102 |
| 13C5-PFHxA (surr.) | 1 | % | 147 | 84 | 145 | 92 |
| 13C4-PFHpA (surr.) | 1 | % | 63 | 77 | 124 | 87 |
| 13C8-PFOA (surr.) | 1 | % | 110 | 71 | 121 | 84 |
| 13C5-PFNA (surr.) | 1 | % | 64 | 56 | 102 | 70 |
| 13C6-PFDA (surr.) | 1 | % | 118 | 72 | 129 | 90 |
| 13C2-PFUnDA (surr.) | 1 | % | 68 | 63 | 109 | 84 |
| 13C2-PFDoDA (surr.) | 1 | % | 79 | 61 | 107 | 68 |
| 13C2-PFTeDA (surr.) | 1 | % | 67 | 59 | 84 | 60 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 101 | 27 | 66 | 22 |
| D3-N-MeFOSA (surr.) | 1 | % | 37 | 23 | 52 | 18 |

| Client Sample ID | | | 0861_MW021_241101 | 0861_MW538_241104 | 0861_MW55D_241104 | 0861_MW55S_241104 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010314 | B24-No0010315 | B24-No0010316 | B24-No0010317 |
| Date Sampled | | | Nov 01, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 40 | 35 | 59 | 21 |
| D7-N-MeFOSE (surr.) | 1 | % | 50 | 14 | 28 | 39 |
| D9-N-EtFOSE (surr.) | 1 | % | 60 | 26 | 62 | 19 |
| D5-N-EtFOSAA (surr.) | 1 | % | 83 | 68 | 130 | 76 |
| D3-N-MeFOSAA (surr.) | 1 | % | 72 | 61 | 123 | 78 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 1.9 | < 0.01 | < 0.01 | 0.16 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | 0.35 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.31 | < 0.01 | < 0.01 | 0.08 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]3.1 | < 0.01 | < 0.01 | [N09]0.18 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]34 | [N09]0.01 | < 0.01 | [N09]1.3 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]1.9 | < 0.01 | < 0.01 | [N09]0.07 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]96 | 0.02 | < 0.01 | 0.67 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | 0.19 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 87 | 65 | 107 | 71 |
| 18O2-PFHxS (surr.) | 1 | % | 87 | 69 | 113 | 109 |
| 13C8-PFOS (surr.) | 1 | % | 56 | 54 | 100 | 68 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.05 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 95 | 75 | 155 | 125 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 80 | 56 | 113 | 102 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 54 | 30 | 58 | 68 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 69 | 70 | 150 | 88 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 130 | 0.03 | < 0.01 | 1.97 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 98.3 | 0.02 | < 0.01 | 0.74 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 132.3 | 0.03 | < 0.01 | 2.04 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 140.01 | < 0.05 | < 0.05 | 2.45 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 145.96 | < 0.1 | < 0.1 | 2.78 |

| Client Sample ID | | | 0861_MW024_241104 | 0861_MW044_241104 | 0861_MW036_241104 | 0861_MW029_241104 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010318 | B24-No0010319 | B24-No0010320 | B24-No0010321 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | 0.14 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.13 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | [N09]0.84 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | [N09]0.11 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | [N09]0.20 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 86 | 78 | 117 | 64 |
| 13C5-PFPeA (surr.) | 1 | % | 105 | 66 | 136 | 72 |
| 13C5-PFHxA (surr.) | 1 | % | 94 | 84 | 131 | 53 |
| 13C4-PFHpA (surr.) | 1 | % | 84 | 96 | 111 | 58 |
| 13C8-PFOA (surr.) | 1 | % | 79 | 118 | 118 | 51 |
| 13C5-PFNA (surr.) | 1 | % | 66 | 112 | 93 | 51 |
| 13C6-PFDA (surr.) | 1 | % | 77 | 146 | 121 | 60 |
| 13C2-PFUnDA (surr.) | 1 | % | 67 | 123 | 110 | 64 |
| 13C2-PFDoDA (surr.) | 1 | % | 67 | 116 | 103 | 63 |
| 13C2-PFTeDA (surr.) | 1 | % | 47 | 103 | 75 | 45 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 5.0 | 141 | 56 | 29 |
| D3-N-MeFOSA (surr.) | 1 | % | 9.0 | 53 | 32 | 27 |
| D5-N-EtFOSA (surr.) | 1 | % | 14 | 73 | 42 | 34 |
| D7-N-MeFOSE (surr.) | 1 | % | 13 | 21 | 29 | 21 |
| D9-N-EtFOSE (surr.) | 1 | % | 6.0 | 63 | 47 | 32 |
| D5-N-EtFOSAA (surr.) | 1 | % | 66 | 164 | 125 | 67 |
| D3-N-MeFOSAA (surr.) | 1 | % | 64 | 142 | 119 | 66 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | 0.68 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.38 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.02 | < 0.01 | < 0.01 | [N09]0.67 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.08 | < 0.01 | [N09]0.03 | [N09]4.6 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | [N09]0.30 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | [N09]0.02 | 1.3 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW024_241104 | 0861_MW044_241104 | 0861_MW036_241104 | 0861_MW029_241104 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010318 | B24-No0010319 | B24-No0010320 | B24-No0010321 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 70 | 94 | 95 | 100 |
| 18O2-PFHxS (surr.) | 1 | % | 73 | 106 | 101 | 108 |
| 13C8-PFOS (surr.) | 1 | % | 65 | 97 | 90 | 93 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 101 | 142 | 170 | 62 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 70 | 230 | 134 | 44 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 56 | 194 | 118 | 31 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 74 | 206 | 97 | 83 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.1 | < 0.01 | 0.05 | 5.9 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.02 | < 0.01 | 0.02 | 1.5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.1 | < 0.01 | 0.05 | 6.1 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.12 | < 0.05 | 0.05 | 8 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.14 | < 0.1 | < 0.1 | 9.35 |

| Client Sample ID | | | 0861_MW028_241104 | 0861_QC101_241104 | 0861_QC301_241105 | 0861_QC401_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010322 | B24-No0010323 | B24-No0010324 | B24-No0010325 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.68 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.60 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | [N09]3.9 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.60 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]1.1 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 72 | 77 | 100 | 101 |
| 13C5-PFPeA (surr.) | 1 | % | 73 | 88 | 123 | 125 |
| 13C5-PFHxA (surr.) | 1 | % | 125 | 80 | 109 | 105 |
| 13C4-PFHpA (surr.) | 1 | % | 63 | 70 | 93 | 91 |
| 13C8-PFOA (surr.) | 1 | % | 107 | 71 | 95 | 93 |
| 13C5-PFNA (surr.) | 1 | % | 62 | 56 | 79 | 78 |
| 13C6-PFDA (surr.) | 1 | % | 43 | 77 | 101 | 99 |

| Client Sample ID | | | 0861_MW028_241104 | 0861_QC101_241104 | 0861_QC301_241105 | 0861_QC401_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010322 | B24-No0010323 | B24-No0010324 | B24-No0010325 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 84 | 68 | 101 | 94 |
| 13C2-PFDoDA (surr.) | 1 | % | 83 | 61 | 105 | 90 |
| 13C2-PFTeDA (surr.) | 1 | % | 67 | 45 | 87 | 71 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | 0.10 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | 0.22 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 127 | 19 | 84 | 7.0 |
| D3-N-MeFOSA (surr.) | 1 | % | 90 | 14 | 36 | 11 |
| D5-N-EtFOSA (surr.) | 1 | % | 152 | 14 | 59 | 14 |
| D7-N-MeFOSE (surr.) | 1 | % | 105 | 11 | 37 | 13 |
| D9-N-EtFOSE (surr.) | 1 | % | 135 | 22 | 62 | 10 |
| D5-N-EtFOSAA (surr.) | 1 | % | 112 | 66 | 113 | 83 |
| D3-N-MeFOSAA (surr.) | 1 | % | 93 | 68 | 106 | 82 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 2.9 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.1 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 1.8 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]2.7 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]20 | [N09]0.04 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]2.0 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 41 | [N09]0.03 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.1 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 85 | 58 | 84 | 83 |
| 18O2-PFHxS (surr.) | 1 | % | 92 | 64 | 87 | 89 |
| 13C8-PFOS (surr.) | 1 | % | 88 | 58 | 77 | 78 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | 0.11 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | 0.19 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.07 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 81 | 99 | 94 | 92 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 75 | 74 | 82 | 86 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 76 | 60 | 40 | 70 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 143 | 75 | 114 | 97 |

| Client Sample ID | | | 0861_MW028_241104 | 0861_QC101_241104 | 0861_QC301_241105 | 0861_QC401_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010322 | B24-No0010323 | B24-No0010324 | B24-No0010325 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 61 | 0.07 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 42.1 | 0.03 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 62.1 | 0.07 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 71.04 | 0.07 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 78.02 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC301_241104 | 0861_QC401_241104 | 0861_SW050_241104 | 0861_SW051_241104 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010335 | B24-No0010336 | B24-No0010337 | B24-No0010338 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.02 | [N09]0.03 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 82 | 104 | 58 | 76 |
| 13C5-PFPeA (surr.) | 1 | % | 90 | 124 | 59 | 78 |
| 13C5-PFHxA (surr.) | 1 | % | 89 | 104 | 65 | 84 |
| 13C4-PFHpA (surr.) | 1 | % | 75 | 91 | 71 | 91 |
| 13C8-PFOA (surr.) | 1 | % | 75 | 96 | 82 | 110 |
| 13C5-PFNA (surr.) | 1 | % | 61 | 80 | 71 | 95 |
| 13C6-PFDA (surr.) | 1 | % | 77 | 104 | 84 | 111 |
| 13C2-PFUnDA (surr.) | 1 | % | 76 | 102 | 74 | 98 |
| 13C2-PFDoDA (surr.) | 1 | % | 69 | 103 | 62 | 89 |
| 13C2-PFTeDA (surr.) | 1 | % | 47 | 98 | 44 | 75 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 15 | 100 | 49 | 68 |

| Client Sample ID | | | 0861_QC301_241104 | 0861_QC401_241104 | 0861_SW050_241104 | 0861_SW051_241104 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010335 | B24-No0010336 | B24-No0010337 | B24-No0010338 |
| Date Sampled | | | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 46 | 24 | 44 | 49 |
| D5-N-EtFOSA (surr.) | 1 | % | 51 | 29 | 49 | 60 |
| D7-N-MeFOSE (surr.) | 1 | % | 9.0 | 63 | 15 | 27 |
| D9-N-EtFOSE (surr.) | 1 | % | 45 | 75 | 45 | 48 |
| D5-N-EtFOSAA (surr.) | 1 | % | 69 | 105 | 77 | 104 |
| D3-N-MeFOSAA (surr.) | 1 | % | 73 | 107 | 80 | 103 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.08 | [N09]0.09 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.05 | [N09]0.12 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 65 | 86 | 65 | 83 |
| 18O2-PFHxS (surr.) | 1 | % | 70 | 89 | 74 | 93 |
| 13C8-PFOS (surr.) | 1 | % | 61 | 81 | 60 | 78 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 72 | 98 | 99 | 127 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 56 | 78 | 151 | 204 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 52 | 73 | 74 | 131 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 70 | 110 | 88 | 109 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.13 | 0.21 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.05 | 0.12 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.13 | 0.21 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.16 | 0.25 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.17 | 0.25 |

| Client Sample ID | | | 0861_SW053_241105 | 0861_SW041_241105 | 0861_SW079_241105 | 0861_SW080_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010339 | B24-No0010340 | B24-No0010341 | B24-No0010342 |
| Date Sampled | | | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.28 | 0.36 | 0.29 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.36 | 0.44 | 0.39 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | [N09]0.03 | [N09]1.8 | [N09]2.5 | [N09]2.3 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.22 | [N09]0.30 | [N09]0.27 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.45 | [N09]0.61 | [N09]0.60 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.01 | [N09]0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 79 | 73 | 66 | 53 |
| 13C5-PFPeA (surr.) | 1 | % | 103 | 63 | 56 | 115 |
| 13C5-PFHxA (surr.) | 1 | % | 94 | 142 | 150 | 141 |
| 13C4-PFHpA (surr.) | 1 | % | 92 | 81 | 70 | 55 |
| 13C8-PFOA (surr.) | 1 | % | 102 | 76 | 65 | 52 |
| 13C5-PFNA (surr.) | 1 | % | 86 | 90 | 81 | 58 |
| 13C6-PFDA (surr.) | 1 | % | 95 | 77 | 60 | 46 |
| 13C2-PFUnDA (surr.) | 1 | % | 78 | 96 | 84 | 58 |
| 13C2-PFDoDA (surr.) | 1 | % | 62 | 87 | 71 | 45 |
| 13C2-PFTeDA (surr.) | 1 | % | 41 | 62 | 49 | 29 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 16 | 65 | 48 | 29 |
| D3-N-MeFOSA (surr.) | 1 | % | 20 | 78 | 44 | 23 |
| D5-N-EtFOSA (surr.) | 1 | % | 23 | 90 | 56 | 22 |
| D7-N-MeFOSE (surr.) | 1 | % | 6.0 | 41 | 16 | 24 |
| D9-N-EtFOSE (surr.) | 1 | % | 12 | 37 | 25 | 15 |
| D5-N-EtFOSAA (surr.) | 1 | % | 84 | 108 | 92 | 63 |
| D3-N-MeFOSAA (surr.) | 1 | % | 83 | 105 | 89 | 65 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 1.1 | 1.4 | 1.4 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.59 | 0.80 | 0.75 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | [N09]1.0 | [N09]1.4 | [N09]1.4 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.06 | [N09]9.1 | [N09]13 | [N09]11 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.50 | [N09]0.72 | [N09]0.69 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.04 | [N09]6.5 | [N09]10 | [N09]13 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW053_241105 | 0861_SW041_241105 | 0861_SW079_241105 | 0861_SW080_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0010339 | B24-No0010340 | B24-No0010341 | B24-No0010342 |
| Date Sampled | | | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 76 | 100 | 108 | 102 |
| 18O2-PFHxS (surr.) | 1 | % | 81 | 93 | 96 | 110 |
| 13C8-PFOS (surr.) | 1 | % | 70 | 92 | 90 | 92 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 120 | 118 | 102 | 68 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 143 | 86 | 143 | 111 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 104 | 120 | 94 | 68 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 82 | 110 | 88 | 55 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.1 | 15.6 | 23 | 24 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.04 | 6.95 | 10.61 | 13.6 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.1 | 16.05 | 23.61 | 24.6 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.13 | 19.81 | 28.61 | 29.25 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.13 | 21.91 | 31.54 | 32.09 |

| Client Sample ID | | | 0861_QC102_241105 | 0861_QC501_241104 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B24-No0010343 | B24-No0010344 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.35 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.39 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | [N09]2.7 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.30 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.62 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 60 | 131 |
| 13C5-PFPeA (surr.) | 1 | % | 57 | 150 |
| 13C5-PFHxA (surr.) | 1 | % | 143 | 138 |
| 13C4-PFHpA (surr.) | 1 | % | 64 | 116 |
| 13C8-PFOA (surr.) | 1 | % | 57 | 118 |
| 13C5-PFNA (surr.) | 1 | % | 67 | 95 |
| 13C6-PFDA (surr.) | 1 | % | 52 | 118 |

| Client Sample ID | | | 0861_QC102_241105 | 0861_QC501_241104 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B24-No0010343 | B24-No0010344 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 70 | 114 |
| 13C2-PFDoDA (surr.) | 1 | % | 64 | 110 |
| 13C2-PFTeDA (surr.) | 1 | % | 54 | 91 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 37 | 55 |
| D3-N-MeFOSA (surr.) | 1 | % | 18 | 88 |
| D5-N-EtFOSA (surr.) | 1 | % | 29 | 124 |
| D7-N-MeFOSE (surr.) | 1 | % | 10 | 52 |
| D9-N-EtFOSE (surr.) | 1 | % | 14 | 57 |
| D5-N-EtFOSAA (surr.) | 1 | % | 78 | 125 |
| D3-N-MeFOSAA (surr.) | 1 | % | 75 | 122 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 1.9 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 1.1 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]1.8 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]11 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.61 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]11 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 86 | 98 |
| 18O2-PFHxS (surr.) | 1 | % | 115 | 104 |
| 13C8-PFOS (surr.) | 1 | % | 87 | 98 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 93 | 130 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 132 | 111 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 69 | 92 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 73 | 116 |

| Client Sample ID | | | 0861_QC102_241105 | 0861_QC501_241104 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B24-No0010343 | B24-No0010344 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 |
| Test/Reference | LOR | Unit | | |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 22 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 11.62 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 22.62 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 28.26 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 31.78 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 06, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 06, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 06, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 06, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1156536
**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_MW021_241101 | Nov 01, 2024 | | Water | B24-No0010314 | | X |
| 2 | 0861_MW538_241104 | Nov 04, 2024 | | Water | B24-No0010315 | | X |
| 3 | 0861_MW55D_241104 | Nov 04, 2024 | | Water | B24-No0010316 | | X |
| 4 | 0861_MW55S_241104 | Nov 04, 2024 | | Water | B24-No0010317 | | X |
| 5 | 0861_MW024_241104 | Nov 04, 2024 | | Water | B24-No0010318 | | X |
| 6 | 0861_MW044_241104 | Nov 04, 2024 | | Water | B24-No0010319 | | X |
| 7 | 0861_MW036_241104 | Nov 04, 2024 | | Water | B24-No0010320 | | X |
| 8 | 0861_MW029_241104 | Nov 04, 2024 | | Water | B24-No0010321 | | X |
| 9 | 0861_MW028 | Nov 04, 2024 | | Water | B24-No0010322 | | X |

Eurofins Environment Testing Australia Pty Ltd
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Site# 1254

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**Company Name:** JBS & G Australia (QLD) P/L
**Address:** Level 3, Turbot Street
Brisbane
QLD 4000

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1156536
**Phone:** 07 3181 5738
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** Rohan Hammond

**Eurofins Analytical Services Manager : Paige Howarth**

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | _241104 | | | | | | |
| 10 | 0861_QC101_241104 | Nov 04, 2024 | | Water | B24-No0010323 | | X |
| 11 | 0861_QC301_241105 | Nov 05, 2024 | | Water | B24-No0010324 | | X |
| 12 | 0861_QC401_241105 | Nov 05, 2024 | | Water | B24-No0010325 | | X |
| 13 | 0861_SD050_241104 | Nov 04, 2024 | | Soil | B24-No0010326 | X | X |
| 14 | 0861_SD051_241104 | Nov 04, 2024 | | Soil | B24-No0010327 | X | X |
| 15 | 0861_SD053_241105 | Nov 05, 2024 | | Soil | B24-No0010328 | X | X |
| 16 | 0861_SD064_241105 | Nov 05, 2024 | | Soil | B24-No0010329 | X | X |
| 17 | 0861_SD067_241105 | Nov 05, 2024 | | Soil | B24-No0010330 | X | X |
| 18 | 0861_SD041_241105 | Nov 05, 2024 | | Soil | B24-No0010331 | X | X |
| 19 | 0861_SD079_ | Nov 05, 2024 | | Soil | B24-No0010332 | X | X |

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[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
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**Phone:** [redacted]
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**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_SD079_241105 | Nov 05, 2024 | | Soil | B24-No0010332 | | |
| 20 | 0861_SD080_241105 | Nov 05, 2024 | | Soil | B24-No0010333 | X | X |
| 21 | 0861_QC101_241105 | Nov 05, 2024 | | Soil | B24-No0010334 | X | X |
| 22 | 0861_QC301_241104 | Nov 04, 2024 | | Water | B24-No0010335 | | X |
| 23 | 0861_QC401_241104 | Nov 04, 2024 | | Water | B24-No0010336 | | X |
| 24 | 0861_SW050_241104 | Nov 04, 2024 | | Water | B24-No0010337 | | X |
| 25 | 0861_SW051_241104 | Nov 04, 2024 | | Water | B24-No0010338 | | X |
| 26 | 0861_SW053_241105 | Nov 05, 2024 | | Water | B24-No0010339 | | X |
| 27 | 0861_SW041_241105 | Nov 05, 2024 | | Water | B24-No0010340 | | X |
| 28 | 0861_SW079_241105 | Nov 05, 2024 | | Water | B24-No0010341 | | X |

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IANZ# 1402
web: www.eurofins.com.au
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1156536
**Phone:** [redacted]
**Fax:**

**Received:** Nov 5, 2024 2:50 PM
**Due:** Nov 12, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_SW080_241105 | Nov 05, 2024 | | Water | B24-No0010342 | | X |
| 30 | 0861_QC102_241105 | Nov 05, 2024 | | Water | B24-No0010343 | | X |
| 31 | 0861_QC501_241104 | Nov 04, 2024 | | Water | B24-No0010344 | | X |
| 32 | 0861_QC502_241104 | Nov 04, 2024 | | Trip Blank (solid) | B24-No0010345 | | X |
| **Test Counts** | | | | | | 9 | 32 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 99 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 74 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 109 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 84 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 95 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 104 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 108 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 108 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 148 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 113 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 68 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 105 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 67 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 104 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 98 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 91 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 110 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 116 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 84 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 108 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 99 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 96 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorodecanesulfonic acid (PFDS) | % | 88 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 115 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 104 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 77 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 114 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 87 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 97 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 99 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 100 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 105 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 115 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 118 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 93 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 62 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 110 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 91 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 61 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 141 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 102 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 107 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 96 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 126 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 132 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 96 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 120 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 105 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 92 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 100 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 100 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 105 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010316 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010316 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010316 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010316 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010316 | CP | % | 99 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorononanoic acid (PFNA) | B24-No0010316 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010316 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010316 | CP | % | 114 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010316 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010316 | CP | % | 132 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010316 | CP | % | 100 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010316 | CP | % | 56 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010316 | CP | % | 108 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010316 | CP | % | 107 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010316 | CP | % | 102 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010316 | CP | % | 114 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010316 | CP | % | 95 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010316 | CP | % | 102 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010316 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010316 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010316 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010316 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010316 | CP | % | 114 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010316 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010316 | CP | % | 90 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010316 | CP | % | 84 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010316 | CP | % | 91 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010316 | CP | % | 94 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010316 | CP | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010316 | CP | % | 107 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010335 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010335 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010335 | CP | % | 108 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluoroheptanoic acid (PFHpA) | B24-No0010335 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010335 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010335 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010335 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010335 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010335 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010335 | CP | % | 118 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010335 | CP | % | 104 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010335 | CP | % | 68 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010335 | CP | % | 88 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010335 | CP | % | 97 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010335 | CP | % | 64 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010335 | CP | % | 139 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010335 | CP | % | 103 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010335 | CP | % | 104 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010335 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010335 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010335 | CP | % | 125 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010335 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010335 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010335 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010335 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010335 | CP | % | 89 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010335 | CP | % | 97 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010335 | CP | % | 115 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010335 | CP | % | 82 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010335 | CP | % | 100 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010320 | CP | ug/L | 0.03 | 0.03 | 3.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010320 | CP | ug/L | 0.02 | 0.02 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010320 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010320 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010325 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010325 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0010344 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0010344 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

Report 1156536-W-V2 (amendment to report 1156536-W) has been issued with corrected sample IDs.
Report 1156536-V3 (amendment to report 1156536) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO: [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW016_241105 | water | 5/11/24 | | 1 x bottle | | X | | | |
| 0861_SW038_241106 | | 6/11/24 | | | | X | | | |
| 0861_SW008_241106 | | | | | | X | | | |
| 0861_SW099_241106 | | | | | | X | | | |
| 0861_SW100_241106 | | | | | | X | | | |
| 0861_SW020_241106 | | | | | | X | | | |
| 0861_SW018_241106 | | | | | | X | | | |
| 0861_SW034_241106 | | | | | | X | | | |
| 0861_SW028_241107 | | 7/11/24 | | | | X | | | |
| 0861_SW015_241107 | | | | | | X | | | |
| 0861_SW005_241108 | | 8/11/24 | | | | X | | | |
| 0861_SW004_241108 | | | | | | X | | | |
| 0861_SW009_241108 | | | | | | X | | | |
| 0861_SW026_241108 | | | | | | X | | | |
| 0861_SW094_241108 | | | | | | X | | | |
| 0861_QC101_241106 | | 6/11/24 | | | | X | | | |
| 0861_QC105_241107 | | 7/11/24 | | | | X | | | |
| 0861_QC301_241108 | | 8/11/24 | | | | X | | | |

RELINQUISHED BY:
NAME: [redacted]
OF: JBS&G
DATE: 8/11/2024

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.

RECEIVED BY:
[redacted]

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

NAME:
OF:
CONSIGNMENT NOTE NO.
TRANSPORT CO

NAME:
OF:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; T = Sterile Bottle; O = Other

#1158333

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Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | .au |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW098_24\|108 | water | 8/11/24 | | 1x bottle | | X | | | |
| 0861_SW026_24\|108 | " | " | | " | | X | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_QC401_24\|108 | " | " | | | | X | | | |
| 0861_QC301_24\|106 | " | 6/11/24 | | | | X | | | |
| 0861_QC401_24\|106 | " | 6/11/24 | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: E[redacted] :8/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G [redacted] | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Surface Water

P/s fwd Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT & I[redacted] | |
| SEND INVOICE TO[redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_24\106 | water | 6/11/24 | | 1 x bottle | | X | | | |
| 0861_QC205_24\107 | 1 | 7/11/24 | | 1 | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] E: 8/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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**JBS & G Australia (QLD) P/L**
[redacted]

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Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1158333-W**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 08, 2024

| **Client Sample ID** | | | **0861_SW038_241106** | **0861_SW099_241106** | **0861_SW100_241106** | **0861_SW020_241106** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B24-No0024026** | **B24-No0024027** | **B24-No0024028** | **B24-No0024029** |
| **Date Sampled** | | | **Nov 06, 2024** | **Nov 06, 2024** | **Nov 06, 2024** | **Nov 06, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.09 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.16 | < 0.01 | < 0.01 | 0.03 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.20 | < 0.01 | < 0.01 | 0.06 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.05 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | 0.07 | < 0.01 | < 0.01 | [N09]0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 88 | 61 | 78 | 77 |
| 13C5-PFPeA (surr.) | 1 | % | 72 | 56 | 75 | 73 |
| 13C5-PFHxA (surr.) | 1 | % | 55 | 61 | 78 | 72 |
| 13C4-PFHpA (surr.) | 1 | % | 86 | 62 | 84 | 78 |
| 13C8-PFOA (surr.) | 1 | % | 109 | 65 | 92 | 80 |
| 13C5-PFNA (surr.) | 1 | % | 101 | 61 | 89 | 79 |
| 13C6-PFDA (surr.) | 1 | % | 81 | 53 | 77 | 71 |
| 13C2-PFUnDA (surr.) | 1 | % | 59 | 47 | 68 | 68 |
| 13C2-PFDoDA (surr.) | 1 | % | 57 | 37 | 50 | 57 |
| 13C2-PFTeDA (surr.) | 1 | % | 36 | 60 | 63 | 118 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 41 | 58 | 78 | 81 |
| D3-N-MeFOSA (surr.) | 1 | % | [J-]1.0 | 34 | 16 | 52 |

| Client Sample ID | | | 0861_SW038_241106 | 0861_SW099_241106 | 0861_SW100_241106 | 0861_SW020_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024026 | B24-No0024027 | B24-No0024028 | B24-No0024029 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | J-2.0 | 33 | 13 | 51 |
| D7-N-MeFOSE (surr.) | 1 | % | J-2.0 | 27 | 32 | 41 |
| D9-N-EtFOSE (surr.) | 1 | % | J-2.0 | 37 | 37 | 53 |
| D5-N-EtFOSAA (surr.) | 1 | % | 68 | 48 | 64 | 68 |
| D3-N-MeFOSAA (surr.) | 1 | % | 76 | 57 | 76 | 79 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 0.11 | < 0.01 | < 0.01 | 0.05 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 | 0.02 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | N090.07 | < 0.01 | < 0.01 | N090.03 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | N090.58 | N090.01 | N090.02 | N090.25 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | N090.04 | < 0.01 | < 0.01 | 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | N090.98 | N090.02 | N090.04 | N090.52 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 71 | 56 | 80 | 68 |
| 18O2-PFHxS (surr.) | 1 | % | 97 | 61 | 83 | 73 |
| 13C8-PFOS (surr.) | 1 | % | 78 | 52 | 74 | 64 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | 0.09 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 64 | 58 | 68 | 67 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 119 | 104 | 153 | 136 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 95 | 58 | 83 | 82 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 56 | 46 | 63 | 70 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.56 | 0.03 | 0.06 | 0.77 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 1.05 | 0.02 | 0.04 | 0.53 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.63 | 0.03 | 0.06 | 0.78 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 2.33 | < 0.05 | 0.06 | 0.92 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 2.48 | < 0.1 | < 0.1 | 0.98 |

| Client Sample ID | | | 0861_SW028_241107 | 0861_SW015_241107 | 0861_SW005_241108 | 0861_SW004_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024030 | B24-No0024031 | B24-No0024032 | B24-No0024033 |
| Date Sampled | | | Nov 07, 2024 | Nov 07, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | 0.01 | 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 37 | 67 | 69 | 74 |
| 13C5-PFPeA (surr.) | 1 | % | 36 | 71 | 63 | 72 |
| 13C5-PFHxA (surr.) | 1 | % | 43 | 73 | 69 | 74 |
| 13C4-PFHpA (surr.) | 1 | % | 59 | 73 | 70 | 82 |
| 13C8-PFOA (surr.) | 1 | % | 69 | 84 | 80 | 83 |
| 13C5-PFNA (surr.) | 1 | % | 79 | 80 | 78 | 79 |
| 13C6-PFDA (surr.) | 1 | % | 77 | 76 | 69 | 68 |
| 13C2-PFUnDA (surr.) | 1 | % | 71 | 70 | 62 | 60 |
| 13C2-PFDoDA (surr.) | 1 | % | 64 | 54 | 47 | 45 |
| 13C2-PFTeDA (surr.) | 1 | % | 134 | 109 | 79 | 77 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 80 | 80 | 72 | 77 |
| D3-N-MeFOSA (surr.) | 1 | % | 57 | 53 | 44 | 44 |
| D5-N-EtFOSA (surr.) | 1 | % | 55 | 50 | 42 | 40 |
| D7-N-MeFOSE (surr.) | 1 | % | 47 | 43 | 36 | 38 |
| D9-N-EtFOSE (surr.) | 1 | % | 52 | 50 | 44 | 45 |
| D5-N-EtFOSAA (surr.) | 1 | % | 81 | 68 | 63 | 59 |
| D3-N-MeFOSAA (surr.) | 1 | % | 93 | 80 | 71 | 72 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.06 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.25 | [N09]0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.47 | [N09]0.04 | [N09]0.02 | [N09]0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW028_241107 | 0861_SW015_241107 | 0861_SW005_241108 | 0861_SW004_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024030 | B24-No0024031 | B24-No0024032 | B24-No0024033 |
| Date Sampled | | | Nov 07, 2024 | Nov 07, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 63 | 75 | 70 | 71 |
| 18O2-PFHxS (surr.) | 1 | % | 67 | 79 | 74 | 77 |
| 13C8-PFOS (surr.) | 1 | % | 62 | 70 | 66 | 66 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 44 | 67 | 62 | 67 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 132 | 139 | 137 | 148 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 77 | 81 | 75 | 75 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 94 | 69 | 61 | 57 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.72 | 0.05 | 0.02 | 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.47 | 0.04 | 0.02 | 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.72 | 0.05 | 0.02 | 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.85 | 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.92 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW009_241108 | 0861_SW036_241108 | 0861_SW094_241108 | 0861_QC105_241107 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024034 | B24-No0024035 | B24-No0024036 | B24-No0024037 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 07, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.07 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.02 | 0.13 | 0.04 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.04 | 0.16 | 0.03 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.02 | [N09]0.06 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.01 | 0.06 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 119 | 69 | 72 | 88 |
| 13C5-PFPeA (surr.) | 1 | % | 101 | 57 | 68 | 76 |
| 13C5-PFHxA (surr.) | 1 | % | 79 | 44 | 73 | 51 |
| 13C4-PFHpA (surr.) | 1 | % | 74 | 93 | 72 | 63 |
| 13C8-PFOA (surr.) | 1 | % | 144 | 93 | 90 | 87 |
| 13C5-PFNA (surr.) | 1 | % | 124 | 82 | 95 | 95 |
| 13C6-PFDA (surr.) | 1 | % | 97 | 67 | 87 | 93 |

| Client Sample ID | | | 0861_SW009_241108 | 0861_SW036_241108 | 0861_SW094_241108 | 0861_QC105_241107 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024034 | B24-No0024035 | B24-No0024036 | B24-No0024037 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 07, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 69 | 54 | 90 | 96 |
| 13C2-PFDoDA (surr.) | 1 | % | 59 | 58 | 71 | 76 |
| 13C2-PFTeDA (surr.) | 1 | % | 25 | 34 | 131 | 93 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 85 | 46 | 91 | 93 |
| D3-N-MeFOSA (surr.) | 1 | % | [J-]2.0 | [J-]1.0 | 68 | 53 |
| D5-N-EtFOSA (surr.) | 1 | % | [J-]2.0 | [J-]2.0 | 69 | 48 |
| D7-N-MeFOSE (surr.) | 1 | % | [J-]3.0 | [J-]2.0 | 55 | 57 |
| D9-N-EtFOSE (surr.) | 1 | % | [J-]3.0 | [J-]2.0 | 54 | 59 |
| D5-N-EtFOSAA (surr.) | 1 | % | 81 | 64 | 91 | 101 |
| D3-N-MeFOSAA (surr.) | 1 | % | 95 | 70 | 100 | 118 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.02 | 0.09 | 0.06 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.03 | 0.03 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.01 | [N09]0.06 | [N09]0.03 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.09 | [N09]0.45 | [N09]0.22 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.03 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.14 | [N09]1.1 | [N09]0.42 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 102 | 62 | 70 | 70 |
| 18O2-PFHxS (surr.) | 1 | % | 125 | 81 | 83 | 83 |
| 13C8-PFOS (surr.) | 1 | % | 109 | 74 | 72 | 77 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 80 | 52 | 73 | 55 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 123 | 105 | 172 | 161 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 117 | 83 | 90 | 91 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 61 | 53 | 98 | 114 |

| Client Sample ID | | | 0861_SW009_241108 | 0861_SW036_241108 | 0861_SW094_241108 | 0861_QC105_241107 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024034 | B24-No0024035 | B24-No0024036 | B24-No0024037 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 07, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.23 | 1.55 | 0.64 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.15 | 1.16 | 0.42 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.24 | 1.61 | 0.64 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 0.34 | 2.12 | 0.77 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 0.35 | 2.24 | 0.83 |

| Client Sample ID | | | 0861_QC301_241108 | 0861_SW098_241108 | 0861_SW026_241108 | 0861_QC401_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024038 | B24-No0024039 | B24-No0024040 | B24-No0024090 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.03 | 0.02 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.04 | 0.03 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 128 | 129 | 85 | 88 |
| 13C5-PFPeA (surr.) | 1 | % | 134 | 105 | 82 | 94 |
| 13C5-PFHxA (surr.) | 1 | % | 135 | 78 | 82 | 89 |
| 13C4-PFHpA (surr.) | 1 | % | 96 | 127 | 87 | 105 |
| 13C8-PFOA (surr.) | 1 | % | 113 | 138 | 98 | 121 |
| 13C5-PFNA (surr.) | 1 | % | 112 | 122 | 93 | 89 |
| 13C6-PFDA (surr.) | 1 | % | 114 | 100 | 79 | 98 |
| 13C2-PFUnDA (surr.) | 1 | % | 115 | 79 | 72 | 92 |
| 13C2-PFDoDA (surr.) | 1 | % | 89 | 82 | 51 | 96 |
| 13C2-PFTeDA (surr.) | 1 | % | 146 | 55 | 86 | 69 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 105 | 89 | 81 | 45 |

| Client Sample ID | | | 0861_QC301_241108 | 0861_SW098_241108 | 0861_SW026_241108 | 0861_QC401_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024038 | B24-No0024039 | B24-No0024040 | B24-No0024090 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 66 | J-3.0 | 34 | 26 |
| D5-N-EtFOSA (surr.) | 1 | % | 68 | J-4.0 | 32 | 11 |
| D7-N-MeFOSE (surr.) | 1 | % | 69 | J-5.0 | 39 | 41 |
| D9-N-EtFOSE (surr.) | 1 | % | 79 | J-4.0 | 40 | 46 |
| D5-N-EtFOSAA (surr.) | 1 | % | 106 | 100 | 67 | 82 |
| D3-N-MeFOSAA (surr.) | 1 | % | 119 | 110 | 82 | 85 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | 0.01 | 0.03 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | N090.02 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 | N090.08 | N090.14 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 | N090.17 | N090.26 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 147 | 97 | 83 | 124 |
| 18O2-PFHxS (surr.) | 1 | % | 110 | 119 | 90 | 118 |
| 13C8-PFOS (surr.) | 1 | % | 110 | 106 | 73 | 95 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | 0.08 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 111 | 91 | 80 | 66 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 126 | 146 | 178 | 68 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 130 | 119 | 82 | 82 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 108 | 80 | 70 | 110 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.25 | 0.4 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.17 | 0.26 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.25 | 0.4 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 0.41 | 0.48 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 0.41 | 0.51 | < 0.1 |

| Client Sample ID | | | 0861_SW016_241105 | 0861_SW008_241106 | 0861_SW018_241106 | 0861_SW034_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025251 | B24-No0025252 | B24-No0025253 | B24-No0025254 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.18 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.18 | 0.02 | 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.38 | 0.03 | 0.04 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.08 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.12 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 116 | 97 | 109 | 88 |
| 13C5-PFPeA (surr.) | 1 | % | 96 | 78 | 94 | 71 |
| 13C5-PFHxA (surr.) | 1 | % | 70 | 55 | 72 | 123 |
| 13C4-PFHpA (surr.) | 1 | % | 106 | 123 | 92 | 22 |
| 13C8-PFOA (surr.) | 1 | % | 129 | 62 | 134 | 87 |
| 13C5-PFNA (surr.) | 1 | % | 114 | 60 | 109 | 78 |
| 13C6-PFDA (surr.) | 1 | % | 95 | 72 | 90 | 62 |
| 13C2-PFUnDA (surr.) | 1 | % | 83 | 42 | 79 | 53 |
| 13C2-PFDoDA (surr.) | 1 | % | 83 | 50 | 81 | 52 |
| 13C2-PFTeDA (surr.) | 1 | % | 68 | 31 | 59 | 66 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 186 | 85 | 33 | 126 |
| D3-N-MeFOSA (surr.) | 1 | % | 15 | [J]5.0 | [J]1.0 | 10 |
| D5-N-EtFOSA (surr.) | 1 | % | 18 | [J]6.0 | [J]2.0 | 12 |
| D7-N-MeFOSE (surr.) | 1 | % | 19 | 10 | [J]< 1 | 12 |
| D9-N-EtFOSE (surr.) | 1 | % | 14 | [J]6.0 | [J]2.0 | [J]9.0 |
| D5-N-EtFOSAA (surr.) | 1 | % | 94 | 60 | 84 | 62 |
| D3-N-MeFOSAA (surr.) | 1 | % | 103 | 64 | 95 | 67 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.14 | 0.04 | 0.03 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.08 | 0.01 | 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.13 | [N09]0.02 | [N09]0.02 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]1.1 | [N09]0.17 | [N09]0.14 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.06 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.02 | [N09]1.8 | [N09]0.34 | [N09]0.27 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW016_241105 | 0861_SW008_241106 | 0861_SW018_241106 | 0861_SW034_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025251 | B24-No0025252 | B24-No0025253 | B24-No0025254 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 85 | 97 | 88 | 65 |
| 18O2-PFHxS (surr.) | 1 | % | 112 | 59 | 117 | 75 |
| 13C8-PFOS (surr.) | 1 | % | 103 | 66 | 97 | 70 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.10 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 75 | 67 | 74 | 59 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 127 | 72 | 138 | 84 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 118 | 63 | 110 | 75 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 67 | 47 | 74 | 109 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.02 | 2.9 | 0.51 | 0.41 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.02 | 1.92 | 0.34 | 0.27 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.02 | 3.02 | 0.51 | 0.41 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 4.08 | 0.6 | 0.49 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 4.35 | 0.63 | 0.52 |

| Client Sample ID | | | 0861_QC101_241106 | 0861_QC301_241106 | 0861_QC401_241106 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025255 | B24-No0025256 | B24-No0025257 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 68 | 111 | 98 |
| 13C5-PFPeA (surr.) | 1 | % | 109 | 116 | 100 |
| 13C5-PFHxA (surr.) | 1 | % | 41 | 80 | 69 |
| 13C4-PFHpA (surr.) | 1 | % | 65 | 27 | 24 |
| 13C8-PFOA (surr.) | 1 | % | 73 | 121 | 108 |
| 13C5-PFNA (surr.) | 1 | % | 68 | 118 | 99 |
| 13C6-PFDA (surr.) | 1 | % | 54 | 107 | 95 |

| Client Sample ID | | | 0861_QC101_241106 | 0861_QC301_241106 | 0861_QC401_241106 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025255 | B24-No0025256 | B24-No0025257 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 48 | 102 | 91 |
| 13C2-PFDoDA (surr.) | 1 | % | 52 | 109 | 94 |
| 13C2-PFTeDA (surr.) | 1 | % | 41 | 102 | 94 |
| **Perfluoroalkyl sulfonamido substances** | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 113 | 177 | 87 |
| D3-N-MeFOSA (surr.) | 1 | % | 13 | 16 | [J-]3.0 |
| D5-N-EtFOSA (surr.) | 1 | % | 18 | 23 | [J-]7.0 |
| D7-N-MeFOSE (surr.) | 1 | % | 12 | 28 | [J-]9.0 |
| D9-N-EtFOSE (surr.) | 1 | % | 10 | 25 | [J-]10 |
| D5-N-EtFOSAA (surr.) | 1 | % | 53 | 105 | 96 |
| D3-N-MeFOSAA (surr.) | 1 | % | 61 | 125 | 105 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.05 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 0.21 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.42 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 47 | 116 | 105 |
| 18O2-PFHxS (surr.) | 1 | % | 65 | 111 | 100 |
| 13C8-PFOS (surr.) | 1 | % | 59 | 121 | 104 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 46 | 86 | 80 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 77 | 84 | 73 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 67 | 147 | 134 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 47 | 93 | 81 |

| Client Sample ID | | | 0861_QC101_241106 | 0861_QC301_241106 | 0861_QC401_241106 |
|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B24-No0025255** | **B24-No0025256** | **B24-No0025257** |
| **Date Sampled** | | | **Nov 06, 2024** | **Nov 06, 2024** | **Nov 06, 2024** |
| Test/Reference | LOR | Unit | | | |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.63 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.43 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.64 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.76 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.82 | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 14, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 14, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 14, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 14, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

web: www.eurofins.com.au
email: [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1158333
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_SW038_241106 | Nov 06, 2024 | | Water | B24-No0024026 | X |
| 2 | 0861_SW099_241106 | Nov 06, 2024 | | Water | B24-No0024027 | X |
| 3 | 0861_SW100_241106 | Nov 06, 2024 | | Water | B24-No0024028 | X |
| 4 | 0861_SW020_241106 | Nov 06, 2024 | | Water | B24-No0024029 | X |
| 5 | 0861_SW028_241107 | Nov 07, 2024 | | Water | B24-No0024030 | X |
| 6 | 0861_SW015_241107 | Nov 07, 2024 | | Water | B24-No0024031 | X |
| 7 | 0861_SW005_241108 | Nov 08, 2024 | | Water | B24-No0024032 | X |
| 8 | 0861_SW004_241108 | Nov 08, 2024 | | Water | B24-No0024033 | X |
| 9 | 0861_SW009_ | Nov 08, 2024 | | Water | B24-No0024034 | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158333
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | 241108 | | | | | |
| 10 | 0861_SW036_241108 | Nov 08, 2024 | | Water | B24-No0024035 | X |
| 11 | 0861_SW094_241108 | Nov 08, 2024 | | Water | B24-No0024036 | X |
| 12 | 0861_QC105_241107 | Nov 07, 2024 | | Water | B24-No0024037 | X |
| 13 | 0861_QC301_241108 | Nov 08, 2024 | | Water | B24-No0024038 | X |
| 14 | 0861_SW098_241108 | Nov 08, 2024 | | Water | B24-No0024039 | X |
| 15 | 0861_SW026_241108 | Nov 08, 2024 | | Water | B24-No0024040 | X |
| 16 | 0861_QC401_241108 | Nov 08, 2024 | | Water | B24-No0024090 | X |
| 17 | 0861_SW016_241105 | Nov 06, 2024 | | Water | B24-No0025251 | X |
| 18 | 0861_SW008_241106 | Nov 06, 2024 | | Water | B24-No0025252 | X |
| 19 | 0861_SW018_ | Nov 06, 2024 | | Water | B24-No0025253 | X |

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158333
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 19 | 0861_SW018_241106 | Nov 06, 2024 | | Water | B24-No0025253 | |
| 20 | 0861_SW034_241106 | Nov 06, 2024 | | Water | B24-No0025254 | X |
| 21 | 0861_QC101_241106 | Nov 06, 2024 | | Water | B24-No0025255 | X |
| 22 | 0861_QC301_241106 | Nov 06, 2024 | | Water | B24-No0025256 | X |
| 23 | 0861_QC401_241106 | Nov 06, 2024 | | Water | B24-No0025257 | X |
| **Test Counts** | | | | | | 23 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 94 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 93 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 72 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 83 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 93 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 76 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 77 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 95 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 112 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 94 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 100 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 91 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 95 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 121 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 91 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 78 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 95 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 78 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 87 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 77 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 80 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 79 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 86 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 93 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 64 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 111 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 90 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 89 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0024030 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0024030 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0024030 | CP | % | 87 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024030 | CP | % | 77 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0024030 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0024030 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0024030 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0024030 | CP | % | 71 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0024030 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0024030 | CP | % | 69 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0024030 | CP | % | 117 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0024030 | CP | % | 100 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0024030 | CP | % | 93 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0024030 | CP | % | 89 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0024030 | CP | % | 119 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0024030 | CP | % | 86 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0024030 | CP | % | 87 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0024030 | CP | % | 69 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0024030 | CP | % | 109 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0024030 | CP | % | 90 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0024030 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0024030 | CP | % | 138 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0024030 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0024030 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0024030 | CP | % | 53 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0024030 | CP | % | 75 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0024030 | CP | % | 93 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0024030 | CP | % | 75 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0024030 | CP | % | 116 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0024030 | CP | % | 92 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0024027 | CP | ug/L | 0.01 | 0.01 | 7.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0024027 | CP | ug/L | 0.02 | 0.02 | 10 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0024027 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0024027 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0024090 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0024090 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025255 | CP | ug/L | 0.03 | 0.03 | 19 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025255 | CP | ug/L | 0.04 | 0.04 | 19 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025255 | CP | ug/L | 0.01 | 0.01 | 26 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025255 | CP | ug/L | 0.05 | 0.04 | 20 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025255 | CP | ug/L | 0.02 | 0.01 | 29 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025255 | CP | ug/L | 0.03 | 0.02 | 27 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025255 | CP | ug/L | 0.21 | 0.16 | 26 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025255 | CP | ug/L | 0.01 | 0.01 | 26 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025255 | CP | ug/L | 0.42 | 0.33 | 24 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025255 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025255 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS

[redacted]

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Groundwater

1158339

**Chain of Custody**

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW006_24 1106 | water | 6/11/24 | | | | X | | | |
| 0861_MW023_24 1106 | | | | | | X | | | |
| 0861_MW007_24 1106 | | | | | | X | | | |
| 0861_MW035_24 1106 | | | | | | X | | | |
| 0861_MW022_24 1106 | | | | | | X | | | |
| 0861_MW042_24 1108 | | 8/11/24 | | | | X | | | |
| 0861_MW043_24 1108 | | | | | | X | | | |
| 0861_MW057S_24 1108 | | | | | | X | | | |
| 0861_MW57I_24 1108 | | | | | | X | | | |
| 0861_MW56I_24 1108 | | | | | | X | | | |
| 0861_MW56S_24 1108 | | | | | | X | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_QC501 _241108 | 1 | 1 | | 1 x bottle | | X | | | |
| 0861_QC502_241108 | soil | 8/11/24 | | 1 x tub | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: E[redacted] ATE 8/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1158339-S**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 08, 2024

| **Client Sample ID** | | | **0861_QC502_241108** |
|---|---|---|---|
| **Sample Matrix** | | | **Trip Blank (solid)** |
| **Eurofins Sample No.** | | | **B24-No0025315** |
| **Date Sampled** | | | **Nov 08, 2024** |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 90 |
| 13C5-PFPeA (surr.) | 1 | % | 114 |
| 13C5-PFHxA (surr.) | 1 | % | 122 |
| 13C4-PFHpA (surr.) | 1 | % | 136 |
| 13C8-PFOA (surr.) | 1 | % | 100 |
| 13C5-PFNA (surr.) | 1 | % | 104 |
| 13C6-PFDA (surr.) | 1 | % | 106 |
| 13C2-PFUnDA (surr.) | 1 | % | 111 |
| 13C2-PFDoDA (surr.) | 1 | % | 132 |
| 13C2-PFTeDA (surr.) | 1 | % | 99 |
| **Perfluoroalkyl sulfonamido substances** | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 |
| 13C8-FOSA (surr.) | 1 | % | 111 |

| Client Sample ID | | | 0861_QC502_241108 |
|---|---|---|---|
| Sample Matrix | | | Trip Blank (solid) |
| Eurofins Sample No. | | | B24-No0025315 |
| Date Sampled | | | Nov 08, 2024 |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl sulfonamido substances** | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 130 |
| D5-N-EtFOSA (surr.) | 1 | % | 130 |
| D7-N-MeFOSE (surr.) | 1 | % | 90 |
| D9-N-EtFOSE (surr.) | 1 | % | 124 |
| D5-N-EtFOSAA (surr.) | 1 | % | 91 |
| D3-N-MeFOSAA (surr.) | 1 | % | 109 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 |
| 13C3-PFBS (surr.) | 1 | % | 122 |
| 18O2-PFHxS (surr.) | 1 | % | 112 |
| 13C8-PFOS (surr.) | 1 | % | 103 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 92 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 85 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 106 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 102 |
| **PFASs Summations** | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

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**Company Name:** JBS & G Australia (QLD) P/L
**Address:** Level 3, Turbot Street
Brisbane
QLD 4000

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158339
**Phone:** 07 3181 5738
**Fax:**

**Received:** Nov 8, 2024 3:30 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** adminnsw@jbsg.com.au

**Eurofins Analytical Services Manager : Paige Howarth**

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_MW006_241106 | Nov 06, 2024 | | Water | B24-No0024072 | X |
| 2 | 0861_MW023_241106 | Nov 06, 2024 | | Water | B24-No0024073 | X |
| 3 | 0861_MW007_241106 | Nov 06, 2024 | | Water | B24-No0024074 | X |
| 4 | 0861_MW022_241106 | Nov 06, 2024 | | Water | B24-No0024075 | X |
| 5 | 0861_MW035_241106 | Nov 06, 2024 | | Water | B24-No0025307 | X |
| 6 | 0861_MW042_241108 | Nov 08, 2024 | | Water | B24-No0025308 | X |
| 7 | 0861_MW043_241108 | Nov 08, 2024 | | Water | B24-No0025309 | X |
| 8 | 0861_MW057I_241108 | Nov 08, 2024 | | Water | B24-No0025310 | X |
| 9 | 0861_MW057 | Nov 08, 2024 | | Water | B24-No0025311 | X |

[redacted]

**Company Name:** [redacted]L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158339
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:30 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | S_241108 | | | | | |
| 10 | 0861_MW056I_241108 | Nov 08, 2024 | | Water | B24-No0025312 | X |
| 11 | 0861_MW056S_241108 | Nov 08, 2024 | | Water | B24-No0025313 | X |
| 12 | 0861_QC501_241108 | Nov 08, 2024 | | Water | B24-No0025314 | X |
| 13 | 0861_QC502_241108 | Nov 08, 2024 | | Trip Blank (solid) | B24-No0025315 | X |
| **Test Counts** | | | | | | 13 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 141 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 98 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 121 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 63 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 90 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 87 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 91 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 97 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 111 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 81 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 72 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 101 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 89 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 79 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 123 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 98 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 123 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 90 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 71 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 99 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 72 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 61 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 95 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 110 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 111 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 110 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 100 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 112 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0023561 | NCP | % | 111 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0023561 | NCP | % | 100 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0023561 | NCP | % | 127 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0023561 | NCP | % | 71 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0023561 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0023561 | NCP | % | 101 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0023561 | NCP | % | 103 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0023561 | NCP | % | 113 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0023561 | NCP | % | 106 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0023561 | NCP | % | 145 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0023561 | NCP | % | 96 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0023561 | NCP | % | 147 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0023561 | NCP | % | 82 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0023561 | NCP | % | 113 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0023561 | NCP | % | 121 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0023561 | NCP | % | 78 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0023561 | NCP | % | 115 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0023561 | NCP | % | 98 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0023561 | NCP | % | 92 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0023561 | NCP | % | 106 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0023561 | NCP | % | 88 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0023561 | NCP | % | 80 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0023561 | NCP | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0023561 | NCP | % | 119 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0023561 | NCP | % | 114 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0023561 | NCP | % | 105 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0023561 | NCP | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0023561 | NCP | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0023561 | NCP | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0023561 | NCP | % | 140 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0023560 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0023560 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0023560 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0023560 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

[redacted] Analytical Services Manager

[redacted] Senior Analyst-PFAS

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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**JBS & G Australia (QLD) P/L**
[redacted]

**NATA Accredited**
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**Attention:** [redacted]

**Report** **1158339-W**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 08, 2024

| **Client Sample ID** | | | **0861_MW006_241106** | **0861_MW023_241106** | **0861_MW007_241106** | **0861_MW022_241106** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B24-No0024072** | **B24-No0024073** | **B24-No0024074** | **B24-No0024075** |
| **Date Sampled** | | | **Nov 06, 2024** | **Nov 06, 2024** | **Nov 06, 2024** | **Nov 06, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.88 | < 0.05 | 0.36 | 0.64 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 1.7 | < 0.01 | 0.59 | 0.22 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 4.3 | 0.01 | 3.2 | 0.95 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.62 | < 0.01 | [N09]0.41 | [N09]0.18 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]1.2 | < 0.01 | [N09]0.71 | [N09]0.39 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.05 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 125 | 102 | 88 | 90 |
| 13C5-PFPeA (surr.) | 1 | % | 118 | 92 | 67 | 81 |
| 13C5-PFHxA (surr.) | 1 | % | 119 | 91 | 56 | 72 |
| 13C4-PFHpA (surr.) | 1 | % | 114 | 75 | 62 | 88 |
| 13C8-PFOA (surr.) | 1 | % | 102 | 85 | 88 | 78 |
| 13C5-PFNA (surr.) | 1 | % | 89 | 77 | 85 | 106 |
| 13C6-PFDA (surr.) | 1 | % | 89 | 71 | 62 | 89 |
| 13C2-PFUnDA (surr.) | 1 | % | 72 | 68 | 59 | 97 |
| 13C2-PFDoDA (surr.) | 1 | % | 59 | 50 | 43 | 76 |
| 13C2-PFTeDA (surr.) | 1 | % | 113 | 93 | 91 | 117 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | [N09]0.23 | < 0.05 | [N09]0.17 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 89 | 75 | 72 | 97 |
| D3-N-MeFOSA (surr.) | 1 | % | 58 | 39 | 41 | 24 |

| Client Sample ID | | | 0861_MW006_241106 | 0861_MW023_241106 | 0861_MW007_241106 | 0861_MW022_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0024072 | B24-No0024073 | B24-No0024074 | B24-No0024075 |
| Date Sampled | | | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 56 | 37 | 37 | 24 |
| D7-N-MeFOSE (surr.) | 1 | % | 48 | 37 | 37 | 44 |
| D9-N-EtFOSE (surr.) | 1 | % | 55 | 43 | 42 | 52 |
| D5-N-EtFOSAA (surr.) | 1 | % | 76 | 60 | 54 | 93 |
| D3-N-MeFOSAA (surr.) | 1 | % | 90 | 68 | 62 | 105 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 2.2 | 0.08 | 1.1 | 1.2 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | [N09]0.35 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.89 | 0.03 | 0.49 | 0.50 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]1.6 | [N09]0.06 | [N09]0.90 | [N09]0.75 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]15 | [N09]0.35 | [N09]9.2 | [N09]4.9 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.44 | [N09]0.02 | [N09]0.49 | [N09]0.08 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]57 | [N09]0.14 | [N09]23 | [N09]1.4 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 130 | 87 | 121 | 112 |
| 18O2-PFHxS (surr.) | 1 | % | 108 | 75 | 95 | 99 |
| 13C8-PFOS (surr.) | 1 | % | 67 | 71 | 68 | 102 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | 0.39 | < 0.05 | 0.08 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 60 | 55 | 80 | 103 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 88 | 86 | 73 | 122 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 92 | 77 | 71 | 58 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 51 | 65 | 51 | 95 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 72 | 0.49 | 32.2 | 6.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 58.2 | 0.14 | 23.71 | 1.79 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 73.2 | 0.49 | 32.91 | 6.69 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 83.33 | 0.58 | 38.65 | 9.88 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 86.89 | 0.69 | 40.7 | 11.21 |

| Client Sample ID | | | 0861_MW035_241106 | 0861_MW042_241108 | 0861_MW043_241108 | 0861_MW057I_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025307 | B24-No0025308 | B24-No0025309 | B24-No0025310 |
| Date Sampled | | | Nov 06, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.09 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.02 | 0.07 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.05 | 0.11 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.02 | 0.02 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 141 | 56 | 147 | 104 |
| 13C5-PFPeA (surr.) | 1 | % | 135 | 52 | 115 | 74 |
| 13C5-PFHxA (surr.) | 1 | % | 93 | 53 | 80 | 50 |
| 13C4-PFHpA (surr.) | 1 | % | 84 | 20 | 53 | 42 |
| 13C8-PFOA (surr.) | 1 | % | 141 | 70 | 85 | 87 |
| 13C5-PFNA (surr.) | 1 | % | 119 | 68 | 78 | 78 |
| 13C6-PFDA (surr.) | 1 | % | 98 | 56 | 59 | 58 |
| 13C2-PFUnDA (surr.) | 1 | % | 77 | 56 | 50 | 32 |
| 13C2-PFDoDA (surr.) | 1 | % | 72 | 68 | 42 | 28 |
| 13C2-PFTeDA (surr.) | 1 | % | 66 | 77 | 20 | 16 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 121 | 66 | 61 | 27 |
| D3-N-MeFOSA (surr.) | 1 | % | [J]2.0 | [J]3.0 | [J]3.0 | [J]2.0 |
| D5-N-EtFOSA (surr.) | 1 | % | [J]3.0 | [J]5.0 | [J]4.0 | [J]2.0 |
| D7-N-MeFOSE (surr.) | 1 | % | [J]6.0 | [J]6.0 | [J]4.0 | [J]3.0 |
| D9-N-EtFOSE (surr.) | 1 | % | [J]6.0 | [J]5.0 | [J]3.0 | [J]2.0 |
| D5-N-EtFOSAA (surr.) | 1 | % | 82 | 79 | 55 | 41 |
| D3-N-MeFOSAA (surr.) | 1 | % | 91 | 84 | 72 | 52 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.07 | 0.34 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.03 | 0.12 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | 0.03 | 0.08 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | 0.18 | [N09]0.24 | [N09]0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.02 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.17 | [N09]0.47 | [N09]0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW035_241106 | 0861_MW042_241108 | 0861_MW043_241108 | 0861_MW057I_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025307 | B24-No0025308 | B24-No0025309 | B24-No0025310 |
| Date Sampled | | | Nov 06, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 124 | 78 | 53 | 62 |
| 18O2-PFHxS (surr.) | 1 | % | 129 | 62 | 74 | 81 |
| 13C8-PFOS (surr.) | 1 | % | 114 | 55 | 65 | 71 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.13 | < 0.05 | 0.12 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 81 | 70 | 100 | 78 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 97 | 85 | 95 | 67 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 126 | 73 | 77 | 46 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 65 | 74 | 45 | 34 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.35 | 0.71 | 0.02 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.19 | 0.49 | 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.37 | 0.73 | 0.02 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 0.64 | 1.36 | 0.14 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 0.7 | 1.58 | 0.14 |

| Client Sample ID | | | 0861_MW057S_241108 | 0861_MW056I_241108 | 0861_MW056S_241108 | 0861_QC501_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025311 | B24-No0025312 | B24-No0025313 | B24-No0025314 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.13 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.05 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.06 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 88 | 64 | 153 | 86 |
| 13C5-PFPeA (surr.) | 1 | % | 60 | 54 | 116 | 82 |
| 13C5-PFHxA (surr.) | 1 | % | 51 | 50 | 95 | 68 |
| 13C4-PFHpA (surr.) | 1 | % | 111 | 37 | 95 | 36 |
| 13C8-PFOA (surr.) | 1 | % | 50 | 99 | 147 | 85 |
| 13C5-PFNA (surr.) | 1 | % | 70 | 91 | 138 | 95 |
| 13C6-PFDA (surr.) | 1 | % | 36 | 77 | 116 | 90 |

| Client Sample ID | | | 0861_MW057S_241108 | 0861_MW056I_241108 | 0861_MW056S_241108 | 0861_QC501_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025311 | B24-No0025312 | B24-No0025313 | B24-No0025314 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 34 | 71 | 94 | 77 |
| 13C2-PFDoDA (surr.) | 1 | % | 36 | 69 | 81 | 108 |
| 13C2-PFTeDA (surr.) | 1 | % | 29 | 52 | 72 | 76 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 55 | 123 | 102 | 123 |
| D3-N-MeFOSA (surr.) | 1 | % | J3.0 | J5.0 | J3.0 | 14 |
| D5-N-EtFOSA (surr.) | 1 | % | J5.0 | J9.0 | J5.0 | 20 |
| D7-N-MeFOSE (surr.) | 1 | % | J< 1 | J9.0 | J8.0 | 22 |
| D9-N-EtFOSE (surr.) | 1 | % | J8.0 | J7.0 | J7.0 | 17 |
| D5-N-EtFOSAA (surr.) | 1 | % | 34 | 87 | 92 | 87 |
| D3-N-MeFOSAA (surr.) | 1 | % | 44 | 92 | 101 | 99 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.36 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.10 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.17 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.95 | [N09]0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.33 | [N09]0.02 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 56 | 61 | 110 | 82 |
| 18O2-PFHxS (surr.) | 1 | % | 55 | 89 | 137 | 85 |
| 13C8-PFOS (surr.) | 1 | % | 50 | 81 | 125 | 91 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H,1H,2H,2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.07 | < 0.05 | < 0.05 |
| 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 51 | 73 | 116 | 63 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 51 | 105 | 102 | 70 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 44 | 93 | 137 | 60 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 49 | 69 | 76 | 78 |

| Client Sample ID | | | 0861_MW057S_241108 | 0861_MW056I_241108 | 0861_MW056S_241108 | 0861_QC501_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0025311 | B24-No0025312 | B24-No0025313 | B24-No0025314 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.28 | 0.03 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.36 | 0.02 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.31 | 0.03 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.92 | 0.1 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 2.22 | 0.1 | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

eurofins

web: www.eurofins.com.au
email: [redacted]

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1158339
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:30 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_MW006_241106 | Nov 06, 2024 | | Water | B24-No0024072 | x |
| 2 | 0861_MW023_241106 | Nov 06, 2024 | | Water | B24-No0024073 | x |
| 3 | 0861_MW007_241106 | Nov 06, 2024 | | Water | B24-No0024074 | x |
| 4 | 0861_MW022_241106 | Nov 06, 2024 | | Water | B24-No0024075 | x |
| 5 | 0861_MW035_241106 | Nov 06, 2024 | | Water | B24-No0025307 | x |
| 6 | 0861_MW042_241108 | Nov 08, 2024 | | Water | B24-No0025308 | x |
| 7 | 0861_MW043_241108 | Nov 08, 2024 | | Water | B24-No0025309 | x |
| 8 | 0861_MW057I_241108 | Nov 08, 2024 | | Water | B24-No0025310 | x |
| 9 | 0861_MW057 | Nov 08, 2024 | | Water | B24-No0025311 | x |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

web: www.eurofins.com.au
email [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158339
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:30 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | S_241108 | | | | | |
| 10 | 0861_MW056I_241108 | Nov 08, 2024 | | Water | B24-No0025312 | X |
| 11 | 0861_MW056S_241108 | Nov 08, 2024 | | Water | B24-No0025313 | X |
| 12 | 0861_QC501_241108 | Nov 08, 2024 | | Water | B24-No0025314 | X |
| 13 | 0861_QC502_241108 | Nov 08, 2024 | | Trip Blank (solid) | B24-No0025315 | X |
| **Test Counts** | | | | | | 13 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 126 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 99 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 88 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 78 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 116 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 114 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 70 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 123 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 128 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 98 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 116 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 98 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 75 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 129 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 147 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 99 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 95 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 101 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 88 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 80 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 105 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 126 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 125 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 109 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0024073 | CP | % | 125 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0024073 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0024073 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024073 | CP | % | 122 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0024073 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0024073 | CP | % | 109 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0024073 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0024073 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0024073 | CP | % | 131 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0024073 | CP | % | 72 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0024073 | CP | % | 109 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0024073 | CP | % | 114 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0024073 | CP | % | 109 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0024073 | CP | % | 113 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0024073 | CP | % | 140 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0024073 | CP | % | 119 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0024073 | CP | % | 112 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0024073 | CP | % | 95 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0024073 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0024073 | CP | % | 112 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0024073 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0024073 | CP | % | 68 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0024073 | CP | % | 118 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0024073 | CP | % | 68 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0024073 | CP | % | 70 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0024073 | CP | % | 128 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0024073 | CP | % | 111 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0024073 | CP | % | 143 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0024073 | CP | % | 123 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025313 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025313 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025313 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025313 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025313 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025313 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025313 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025313 | CP | % | 61 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025313 | CP | % | 142 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025313 | CP | % | 129 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025313 | CP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025313 | CP | % | 107 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025313 | CP | % | 129 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025313 | CP | % | 79 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025313 | CP | % | 60 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025313 | CP | % | 126 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025313 | CP | % | 125 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025313 | CP | % | 96 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025313 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025313 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025313 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025313 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025313 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025313 | CP | % | 128 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025313 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025313 | CP | % | 63 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025313 | CP | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025313 | CP | % | 118 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025313 | CP | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025313 | CP | % | 127 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025314 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025314 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Sediment

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS [redacted]

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD016_241105 | 5/11/24 | Used | | 1x tub | | X | | | |
| 0861_SD038_241106 | 6/11/24 | | | | | X | | | |
| 0861_SD008_241106 | | | | | | X | | | |
| 0861_SD099_241106 | | | | | | X | | | |
| 0861_SD100_241106 | | | | | | X | | | |
| 0861_SD020_241106 | | | | | | X | | | |
| 0861_SD018_241106 | | | | | | X | | | |
| 0861_SD034_241106 | | | | | | X | | | |
| 0861_SD028_241107 | 7/11/24 | | | | | X | | | |
| 0861_SD015_241107 | | | | | | X | | | |
| 0861_SD005_241108 | 8/11/24 | | | | | X | | | |
| 0861_SD004_241108 | | | | | | X | | | |
| 0861_SD009_241108 | | | | | | X | | | |
| 0861_SD036_241108 | | | | | | X | | | |
| 0861_SD094_241108 | | | | | | X | | | |
| 0861_QC102_241106 | 6/11/24 | | | | | X | | | |
| 0861_QC302_241107 | 7/11/24 | water | | 1x bottle | | X | | | |
| 0861_QC502_241107 | | | | 1x bottle | | X | | | |

#1158342

NAME: [redacted] 8/11/2024
OF: JBS&G

NAME:
OF:

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.
CONSIGNMENT NOTE NO.
TRANSPORT CO

RECEIVED BY: [redacted]
NAME: DATE:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Sediment

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD098_24 | | | | | | X | | | |
| 0861_SD026_24 | | | | | | X | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_QC105_24\|107 | | | | | | X | | | |
| 0861_QC _24 | | | | | | | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] TE: 8/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)

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Envirolab Sediment

P/S Fwd Envirolab

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: EB |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney ([redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC202_24\|06 | Soil | 6/11/24 | | 1x tub | | X | | | |
| 0861_QC205_24\|07 | " | 7/11/24 | | " | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] 8/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: [redacted] | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1158342-S-V2**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 08, 2024

| **Client Sample ID** | | | **0861_QC105_241107** | **0861_QC102_241106** |
|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **B24-No0023970** | **B24-No0025331** |
| **Date Sampled** | | | **Nov 07, 2024** | **Nov 06, 2024** |
| Test/Reference | LOR | Unit | | |
| **Sample Properties** | | | | |
| % Moisture | 1 | % | 40 | 30 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 116 | 91 |
| 13C5-PFPeA (surr.) | 1 | % | 107 | 95 |
| 13C5-PFHxA (surr.) | 1 | % | 107 | 101 |
| 13C4-PFHpA (surr.) | 1 | % | 115 | 97 |
| 13C8-PFOA (surr.) | 1 | % | 108 | 92 |
| 13C5-PFNA (surr.) | 1 | % | 108 | 88 |
| 13C6-PFDA (surr.) | 1 | % | 118 | 94 |
| 13C2-PFUnDA (surr.) | 1 | % | 89 | 93 |
| 13C2-PFDoDA (surr.) | 1 | % | 92 | 110 |
| 13C2-PFTeDA (surr.) | 1 | % | 107 | 89 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 |

| Client Sample ID | | | 0861_QC105_241107 | 0861_QC102_241106 |
|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil |
| Eurofins Sample No. | | | B24-No0023970 | B24-No0025331 |
| Date Sampled | | | Nov 07, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| 13C8-FOSA (surr.) | 1 | % | 136 | 47 |
| D3-N-MeFOSA (surr.) | 1 | % | 91 | 20 |
| D5-N-EtFOSA (surr.) | 1 | % | 110 | 22 |
| D7-N-MeFOSE (surr.) | 1 | % | 72 | 24 |
| D9-N-EtFOSE (surr.) | 1 | % | 99 | 19 |
| D5-N-EtFOSAA (surr.) | 1 | % | 114 | 69 |
| D3-N-MeFOSAA (surr.) | 1 | % | 114 | 65 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | [N09]11 | [N09]11 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | < 5 |
| 13C3-PFBS (surr.) | 1 | % | 106 | 124 |
| 18O2-PFHxS (surr.) | 1 | % | 103 | 91 |
| 13C8-PFOS (surr.) | 1 | % | 94 | 90 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 85 | 88 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 112 | 131 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 93 | 93 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 113 | 116 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | 11 | 11 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | 11 | 11 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | 11 | 11 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | 11 | 11 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | < 50 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| % Moisture | Brisbane | Nov 13, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 13, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 13, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 13, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 13, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_QC105_241107 | Nov 07, 2024 | | Soil | B24-No0023970 | X | X |
| 2 | 0861_SD028_241107 | Nov 07, 2024 | | Soil | B24-No0024079 | X | X |
| 3 | 0861_SD015_241107 | Nov 07, 2024 | | Soil | B24-No0024080 | X | X |
| 4 | 0861_SD005_241108 | Nov 08, 2024 | | Soil | B24-No0024081 | X | X |
| 5 | 0861_SD004_241108 | Nov 08, 2024 | | Soil | B24-No0024082 | X | X |
| 6 | 0861_SD009_241108 | Nov 08, 2024 | | Soil | B24-No0024083 | X | X |
| 7 | 0861_SD036_241108 | Nov 08, 2024 | | Soil | B24-No0024084 | X | X |
| 8 | 0861_SD094_241108 | Nov 08, 2024 | | Soil | B24-No0024085 | X | X |
| 9 | QC302_24110 | Nov 07, 2024 | | Water | B24-No0024086 | | X |

[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x | x |
| | 7 | | | | | | |
| 10 | 0861_SD098_24 | Nov 08, 2024 | | Soil | B24-No0024087 | x | x |
| 11 | 0861_SD026_24 | Nov 08, 2024 | | Soil | B24-No0024088 | x | x |
| 12 | 0861_SD016_241105 | Nov 05, 2024 | | Soil | B24-No0025323 | x | x |
| 13 | 0861_SD038_241106 | Nov 06, 2024 | | Soil | B24-No0025324 | x | x |
| 14 | 0861_SD008_241106 | Nov 06, 2024 | | Soil | B24-No0025325 | x | x |
| 15 | 0861_SD099_241106 | Nov 06, 2024 | | Soil | B24-No0025326 | x | x |
| 16 | 0861_SD100_241106 | Nov 06, 2024 | | Soil | B24-No0025327 | x | x |
| 17 | 0861_SD020_241106 | Nov 06, 2024 | | Soil | B24-No0025328 | x | x |
| 18 | 0861_SD018_241106 | Nov 06, 2024 | | Soil | B24-No0025329 | x | x |
| 19 | 0861_SD034_ | Nov 06, 2024 | | Soil | B24-No0025330 | x | x |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]
web: www.eurofins.com.au
[redacted]

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_SD034_241106 | Nov 06, 2024 | | Soil | B24-No0025330 | | |
| 20 | 0861_QC102_241106 | Nov 06, 2024 | | Soil | B24-No0025331 | X | X |
| **Test Counts** | | | | | | 19 | 20 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 97 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 134 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 113 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 97 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 88 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 98 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 90 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 87 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 116 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 103 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 77 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 100 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 101 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 120 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 101 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 83 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 102 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 97 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 83 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 117 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 100 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 70 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 110 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 91 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 85 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 126 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 92 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 134 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 91 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 117 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 70 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 92 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 94 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 94 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 95 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 106 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 90 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 98 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 88 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 79 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 129 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 88 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 126 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 84 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 80 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 96 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 82 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 70 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 89 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 102 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 102 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 104 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 95 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 97 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 98 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0012722 | NCP | % | 100 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0012722 | NCP | % | 139 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0012722 | NCP | % | 128 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0012722 | NCP | % | 102 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0012722 | NCP | % | 100 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0012722 | NCP | % | 99 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0012722 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0012722 | NCP | % | 87 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0012722 | NCP | % | 120 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0012722 | NCP | % | 104 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0012722 | NCP | % | 86 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0012722 | NCP | % | 110 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0012722 | NCP | % | 119 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0012722 | NCP | % | 107 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0012722 | NCP | % | 65 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0012722 | NCP | % | 72 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0012722 | NCP | % | 110 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0012722 | NCP | % | 102 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0012722 | NCP | % | 82 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0012722 | NCP | % | 130 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0012722 | NCP | % | 101 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0012722 | NCP | % | 68 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0012722 | NCP | % | 100 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0012722 | NCP | % | 108 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0012722 | NCP | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0012722 | NCP | % | 88 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0012722 | NCP | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0012722 | NCP | % | 116 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0012722 | NCP | % | 113 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0012722 | NCP | % | 101 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025324 | CP | % | 127 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025324 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025324 | CP | % | 128 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025324 | CP | % | 64 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025324 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025324 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025324 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025324 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025324 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025324 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025324 | CP | % | 94 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025324 | CP | % | 105 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025324 | CP | % | 84 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025324 | CP | % | 81 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025324 | CP | % | 130 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025324 | CP | % | 99 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025324 | CP | % | 109 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025324 | CP | % | 85 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025324 | CP | % | 80 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025324 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025324 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025324 | CP | % | 66 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025324 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025324 | CP | % | 114 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025324 | CP | % | 71 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025324 | CP | % | 105 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025324 | CP | % | 100 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025324 | CP | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025324 | CP | % | 105 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025324 | CP | % | 103 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0023970 | CP | % | 40 | 43 | 8.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0012722 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0012722 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0012722 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0012722 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0024080 | CP | % | 63 | 60 | 6.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0024080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0024080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0024080 | CP | ug/kg | 8.1 | 8.5 | 5.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0024080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0024080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025323 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025323 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025323 | CP | ug/kg | 14 | 11 | 19 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025323 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025323 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0025325 | CP | % | 39 | 38 | 3.0 | 30% | Pass | |

## Comments

Report 1158342-V2 (amendment to report 1158342) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-Sample Properties

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1158342-W-V2**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 08, 2024

| **Client Sample ID** | | | **QC302_241107** |
|---|---|---|---|
| **Sample Matrix** | | | **Water** |
| **Eurofins Sample No.** | | | **B24-No0024086** |
| **Date Sampled** | | | **Nov 07, 2024** |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 81 |
| 13C5-PFPeA (surr.) | 1 | % | 79 |
| 13C5-PFHxA (surr.) | 1 | % | 57 |
| 13C4-PFHpA (surr.) | 1 | % | 105 |
| 13C8-PFOA (surr.) | 1 | % | 86 |
| 13C5-PFNA (surr.) | 1 | % | 82 |
| 13C6-PFDA (surr.) | 1 | % | 73 |
| 13C2-PFUnDA (surr.) | 1 | % | 62 |
| 13C2-PFDoDA (surr.) | 1 | % | 62 |
| 13C2-PFTeDA (surr.) | 1 | % | 44 |
| **Perfluoroalkyl sulfonamido substances** | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 12 |
| D3-N-MeFOSA (surr.) | 1 | % | [J-]1.0 |

| Client Sample ID | | | QC302_241107 |
|---|---|---|---|
| Sample Matrix | | | Water |
| Eurofins Sample No. | | | B24-No0024086 |
| Date Sampled | | | Nov 07, 2024 |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl sulfonamido substances** | | | |
| D5-N-EtFOSA (surr.) | 1 | % | J-1.0 |
| D7-N-MeFOSE (surr.) | 1 | % | J-1.0 |
| D9-N-EtFOSE (surr.) | 1 | % | J-2.0 |
| D5-N-EtFOSAA (surr.) | 1 | % | 61 |
| D3-N-MeFOSAA (surr.) | 1 | % | 74 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 85 |
| 18O2-PFHxS (surr.) | 1 | % | 78 |
| 13C8-PFOS (surr.) | 1 | % | 87 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 57 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 57 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 93 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 58 |
| **PFASs Summations** | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 11, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
web: www.eurofins.com.au
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_QC105_241107 | Nov 07, 2024 | | Soil | B24-No0023970 | X | X |
| 2 | 0861_SD028_241107 | Nov 07, 2024 | | Soil | B24-No0024079 | X | X |
| 3 | 0861_SD015_241107 | Nov 07, 2024 | | Soil | B24-No0024080 | X | X |
| 4 | 0861_SD005_241108 | Nov 08, 2024 | | Soil | B24-No0024081 | X | X |
| 5 | 0861_SD004_241108 | Nov 08, 2024 | | Soil | B24-No0024082 | X | X |
| 6 | 0861_SD009_241108 | Nov 08, 2024 | | Soil | B24-No0024083 | X | X |
| 7 | 0861_SD036_241108 | Nov 08, 2024 | | Soil | B24-No0024084 | X | X |
| 8 | 0861_SD094_241108 | Nov 08, 2024 | | Soil | B24-No0024085 | X | X |
| 9 | QC302_24110 | Nov 07, 2024 | | Water | B24-No0024086 | | X |

**Company Name:** [redacted]
**Address:**

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x | x |
| | 7 | | | | | | |
| 10 | 0861_SD098_24 | Nov 08, 2024 | | Soil | B24-No0024087 | x | x |
| 11 | 0861_SD026_24 | Nov 08, 2024 | | Soil | B24-No0024088 | x | x |
| 12 | 0861_SD016_241105 | Nov 05, 2024 | | Soil | B24-No0025323 | x | x |
| 13 | 0861_SD038_241106 | Nov 06, 2024 | | Soil | B24-No0025324 | x | x |
| 14 | 0861_SD008_241106 | Nov 06, 2024 | | Soil | B24-No0025325 | x | x |
| 15 | 0861_SD099_241106 | Nov 06, 2024 | | Soil | B24-No0025326 | x | x |
| 16 | 0861_SD100_241106 | Nov 06, 2024 | | Soil | B24-No0025327 | x | x |
| 17 | 0861_SD020_241106 | Nov 06, 2024 | | Soil | B24-No0025328 | x | x |
| 18 | 0861_SD018_241106 | Nov 06, 2024 | | Soil | B24-No0025329 | x | x |
| 19 | 0861_SD034_ | Nov 06, 2024 | | Soil | B24-No0025330 | x | x |

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1158342
**Phone:** [redacted]
**Fax:**

**Received:** Nov 8, 2024 3:37 PM
**Due:** Nov 15, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_SD034_241106 | Nov 06, 2024 | | Soil | B24-No0025330 | | |
| 20 | 0861_QC102_241106 | Nov 06, 2024 | | Soil | B24-No0025331 | X | X |
| **Test Counts** | | | | | | 19 | 20 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 126 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 99 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 88 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 85 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 116 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 114 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 70 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 123 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 128 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 98 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 116 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 98 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 75 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 129 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 147 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 99 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 95 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 101 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 88 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 80 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 105 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 126 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 125 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 109 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025313 | NCP | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025313 | NCP | % | 100 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025313 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0024073 | NCP | % | 122 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025313 | NCP | % | 110 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025313 | NCP | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025313 | NCP | % | 117 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025313 | NCP | % | 61 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025313 | NCP | % | 142 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025313 | NCP | % | 129 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025313 | NCP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025313 | NCP | % | 107 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025313 | NCP | % | 129 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025313 | NCP | % | 79 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025313 | NCP | % | 60 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025313 | NCP | % | 126 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025313 | NCP | % | 125 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025313 | NCP | % | 96 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025313 | NCP | % | 117 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025313 | NCP | % | 83 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025313 | NCP | % | 105 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025313 | NCP | % | 96 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025313 | NCP | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025313 | NCP | % | 128 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025313 | NCP | % | 98 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025313 | NCP | % | 63 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025313 | NCP | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025313 | NCP | % | 118 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025313 | NCP | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025313 | NCP | % | 127 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0025255 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0025255 | NCP | ug/L | 0.01 | 0.01 | 26 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0025314 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0025255 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0025255 | NCP | ug/L | 0.05 | 0.04 | 20 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0025255 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0025255 | NCP | ug/L | 0.02 | 0.01 | 29 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0025255 | NCP | ug/L | 0.03 | 0.02 | 27 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0025255 | NCP | ug/L | 0.21 | 0.16 | 26 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0025255 | NCP | ug/L | 0.01 | 0.01 | 26 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0025255 | NCP | ug/L | 0.42 | 0.33 | 24 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0025255 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0025314 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0025314 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

Report 1158342-V2 (amendment to report 1158342) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 1

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite (send to envirolab) | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW049_24_1112 | Water | 12/11/24 | | 1x bottle | | X | | | |
| 0861_MW048_24_1112 | " | " | | " | | X | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_QC101_24_1112 | water | 12/11/24 | | | | X | | | |
| 0861_QC~~102~~_24~~1112~~ | | | | | | | | | |
| 0861_QC201_24_1112 | " | 12/11/24 | | | | X | | | |

RELINQUISHED BY:
NAME: [redacted]
DATE: 19/11/2024
OF: JBS&G

NAME:
DATE:
OF:

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.

CONSIGNMENT NOTE NO.
TRANSPORT CO

RECEIVED BY:
NAME: [redacted]
DATE:
OF:

NAME:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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1161658

Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO: [redacted]
SEND INVOICE TO:

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

page 1 of 2

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW025_24 1112 | water | 12/11/24 | | 1x bottle | | X | | | |
| 0861_SW039_24 1112 | | | | | | | | | |
| 0861_SW043_24 1112 | | | | | | | | | |
| 0861_SW040_24 1112 | | | | | | | | | |
| 0861_SW045_24 1112 | | | | | | | | | |
| 0861_SW052_24 1118 | | 18/11/24 | | | | | | | |
| 0861_SW088_24 1118 | | | | | | | | | |
| 0861_SW047_24 1118 | | | | | | | | | |
| 0861_SW089_24 1118 | | | | | | | | | |
| 0861_SW090_24 1118 | | | | | | | | | |
| 0861_SW091_24 1118 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_QC102_24 1112 | | 12/11/24 | | | | | | | |
| 0861_QC101_24 1118 | | 18/11/24 | | | | | | | |
| 0861_QC501_24 1112 | | 12/11/24 | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 19/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 2 of 2.

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_SW _24 | | | | | | | | | |
| 0861_QC301_241118 | water | 18.11 | | 1x bottle | | X | | | |
| 0861_QC401_241112 | water | 12.11 | | 1x bottle | | X | | | |
| 0861_QC301_241112 | " | 12.11 | | " | | X | | | |
| 0861_QC401_241118 | " | 18.11 | | " | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 19/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | | COOLER TEMP ..... deg C |

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Sediment

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 2

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD025_24 1112 | 12/11/24 | | | | | X | | | |
| 0861_SD039_24 1112 | | | | | | | | | |
| 0861_SD043_24 1112 | | | | | | | | | |
| ~~0861_SD046_24 1112~~ | | | | | | | | | |
| 0861_SD045_24 1112 | | | | | | | | | |
| 0861_SD052_24 1118 | 18/11/24 | | | | | | | | |
| 0861_SD088_24 1118 | | | | | | | | | |
| 0861_SD047_24 1118 | | | | | | | | | |
| 0861_SD089_24 1118 | | | | | | | | | |
| 0861_SD090_24 1118 | | | | | | | | | |
| 0861_SD091_24 1118 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_QC103 _24 1112 | 12/11/24 | | | | | | | | |
| 0861_QC101 _24 1118 | 18/11/24 | | | | | | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024<br>OF: JBS&G | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

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Sediment

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**



| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_SD _24 | | | | | | | | | |
| 0861_QC _24 | | | | | | | | | |
| 0861_QC502_241112 | sed | 12.11 | | 1x tub | | x | | | |
| 0861_QC502_241118 | sed | 18.11 | | 1x tub | | x | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024<br>OF: JBS&G | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

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Envirolab Sediment

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 1

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08541 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC203_24 1112 | bulk Sed | 12/11/24 | | | | X | | | |
| 0861_QC 201 _24 1118 | Sed | 18/11/24 | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: / /2024<br>OF: JBS&G | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

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Envirolab Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT & [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

page 1 of 1.

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC202_241112 | ~~Water~~ | 12/11/24 | | | | X | | | |
| 0861_QC201_241118 | ~~Water~~ | 18/11/24 | | | | X | | | |

| | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| [redacted] ED BY:<br>NAME: [redacted] DATE: 19/11/2024<br>OF: JBS&G | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

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Envirolab Groundwater

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2024 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO: [redacted] | |
| SEND INVOICE TO: [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Page 1 of 1.

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_24 1112 | water | 12/11/24 | | 1x bottle | | X | | | |
| 0861_QC _24 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1161658-S-V2**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 19, 2024

| **Client Sample ID** | | | **0861_QC103_241112** | **0861_QC101_241118** | **0861_QC502_241112** | **0861_QC502_241118** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **B24-No0049836** | **B24-No0049837** | **B24-No0049838** | **B24-No0049839** |
| **Date Sampled** | | | **Nov 12, 2024** | **Nov 18, 2024** | **Nov 12, 2024** | **Nov 18, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 37 | 44 | - | - |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 99 | 76 | 124 | 118 |
| 13C5-PFPeA (surr.) | 1 | % | 113 | 74 | 141 | 133 |
| 13C5-PFHxA (surr.) | 1 | % | 120 | 76 | 141 | 132 |
| 13C4-PFHpA (surr.) | 1 | % | 101 | 70 | 115 | 117 |
| 13C8-PFOA (surr.) | 1 | % | 95 | 65 | 109 | 107 |
| 13C5-PFNA (surr.) | 1 | % | 103 | 66 | 117 | 115 |
| 13C6-PFDA (surr.) | 1 | % | 97 | 64 | 113 | 109 |
| 13C2-PFUnDA (surr.) | 1 | % | 103 | 70 | 125 | 123 |
| 13C2-PFDoDA (surr.) | 1 | % | 124 | 80 | 143 | 132 |
| 13C2-PFTeDA (surr.) | 1 | % | 115 | 80 | 141 | 137 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |

| Client Sample ID | | | 0861_QC103_241112 | 0861_QC101_241118 | 0861_QC502_241112 | 0861_QC502_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-No0049836 | B24-No0049837 | B24-No0049838 | B24-No0049839 |
| Date Sampled | | | Nov 12, 2024 | Nov 18, 2024 | Nov 12, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| 13C8-FOSA (surr.) | 1 | % | 94 | 60 | 121 | 111 |
| D3-N-MeFOSA (surr.) | 1 | % | 65 | 45 | 135 | 140 |
| D5-N-EtFOSA (surr.) | 1 | % | 73 | 47 | 159 | 156 |
| D7-N-MeFOSE (surr.) | 1 | % | 69 | 44 | 117 | 111 |
| D9-N-EtFOSE (surr.) | 1 | % | 55 | 45 | 114 | 109 |
| D5-N-EtFOSAA (surr.) | 1 | % | 100 | 61 | 117 | 117 |
| D3-N-MeFOSAA (surr.) | 1 | % | 105 | 63 | 136 | 143 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 13C3-PFBS (surr.) | 1 | % | 110 | 71 | 124 | 131 |
| 18O2-PFHxS (surr.) | 1 | % | 98 | 65 | 114 | 106 |
| 13C8-PFOS (surr.) | 1 | % | 91 | 61 | 109 | 107 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 85 | 64 | 105 | 108 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 106 | 81 | 131 | 130 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 83 | 64 | 113 | 116 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 113 | 85 | 136 | 143 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | < 50 | < 50 | < 50 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| % Moisture | Brisbane | Nov 19, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
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Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1161658
**Phone:** [redacted]
**Fax:**

**Received:** Nov 19, 2024 9:45 AM
**Due:** Nov 26, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_MW049_241112 | Nov 12, 2024 | | Water | B24-No0049804 | | X |
| 2 | 0861_MW048_241112 | Nov 12, 2024 | | Water | B24-No0049805 | | X |
| 3 | 0861_QC101_241112 | Nov 12, 2024 | | Water | B24-No0049806 | | X |
| 4 | 0861_SW025_241112 | Nov 12, 2024 | | Water | B24-No0049808 | | X |
| 5 | 0861_SW039_241112 | Nov 12, 2024 | | Water | B24-No0049809 | | X |
| 6 | 0861_SW043_241112 | Nov 12, 2024 | | Water | B24-No0049810 | | X |
| 7 | 0861_SW040_241112 | Nov 12, 2024 | | Water | B24-No0049811 | | X |
| 8 | 0861_SW045_241112 | Nov 12, 2024 | | Water | B24-No0049812 | | X |
| 9 | 0861_SW052_ | Nov 18, 2024 | | Water | B24-No0049813 | | X |

[redacted]

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**Address:**

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**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | x | x |
| | 241118 | | | | | | |
| 10 | 0861_SW088_241118 | Nov 18, 2024 | | Water | B24-No0049814 | | x |
| 11 | 0861_SW047_241118 | Nov 18, 2024 | | Water | B24-No0049815 | | x |
| 12 | 0861_SW089_241118 | Nov 18, 2024 | | Water | B24-No0049816 | | x |
| 13 | 0861_SW090_241118 | Nov 18, 2024 | | Water | B24-No0049817 | | x |
| 14 | 0861_SW091_241118 | Nov 18, 2024 | | Water | B24-No0049818 | | x |
| 15 | 0861_QC102_241112 | Nov 12, 2024 | | Water | B24-No0049819 | | x |
| 16 | 0861_QC101_241118 | Nov 18, 2024 | | Water | B24-No0049820 | | x |
| 17 | 0861_QC501_241112 | Nov 12, 2024 | | Water | B24-No0049821 | | x |
| 18 | 0861_QC301_241118 | Nov 18, 2024 | | Water | B24-No0049822 | | x |
| 19 | 0861_QC401_ | Nov 12, 2024 | | Water | B24-No0049823 | | x |

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IANZ# 1402

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1161658
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**Received:** Nov 19, 2024 9:45 AM
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**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_QC401_241112 | Nov 12, 2024 | | Water | B24-No0049823 | | |
| 20 | 0861_QC301_241112 | Nov 12, 2024 | | Water | B24-No0049824 | | X |
| 21 | 0861_QC401_241118 | Nov 18, 2024 | | Water | B24-No0049825 | | X |
| 22 | 0861_SD025_241112 | Nov 12, 2024 | | Soil | B24-No0049826 | X | X |
| 23 | 0861_SD039_241112 | Nov 12, 2024 | | Soil | B24-No0049827 | X | X |
| 24 | 0861_SD043_241112 | Nov 12, 2024 | | Soil | B24-No0049828 | X | X |
| 25 | 0861_SD045_241112 | Nov 12, 2024 | | Soil | B24-No0049829 | X | X |
| 26 | 0861_SD052_241118 | Nov 18, 2024 | | Soil | B24-No0049830 | X | X |
| 27 | 0861_SD088_241118 | Nov 18, 2024 | | Soil | B24-No0049831 | X | X |
| 28 | 0861_SD047_241118 | Nov 18, 2024 | | Soil | B24-No0049832 | X | X |

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[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
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**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_SD089_241118 | Nov 18, 2024 | | Soil | B24-No0049833 | X | X |
| 30 | 0861_SD090_241118 | Nov 18, 2024 | | Soil | B24-No0049834 | X | X |
| 31 | 0861_SD091_241118 | Nov 18, 2024 | | Soil | B24-No0049835 | X | X |
| 32 | 0861_QC103_241112 | Nov 12, 2024 | | Soil | B24-No0049836 | X | X |
| 33 | 0861_QC101_241118 | Nov 18, 2024 | | Soil | B24-No0049837 | X | X |
| 34 | 0861_QC502_241112 | Nov 12, 2024 | | Soil | B24-No0049838 | | X |
| 35 | 0861_QC502_241118 | Nov 18, 2024 | | Soil | B24-No0049839 | | X |
| **Test Counts** | | | | | | 12 | 35 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 104 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 78 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 76 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 82 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 87 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 94 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 86 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 103 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 85 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 90 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 98 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 81 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 77 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 111 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 98 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 108 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 96 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 96 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 94 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 85 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | % | 98 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 106 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 94 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 96 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 109 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 101 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 122 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 81 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 98 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 62 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 79 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 82 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 89 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 76 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 88 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 78 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 96 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 78 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 75 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 95 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 102 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 115 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 88 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 101 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 87 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 98 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 86 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 95 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 87 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 116 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 95 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049837 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049837 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049837 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049837 | CP | % | 64 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049837 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049837 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049837 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049837 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049837 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049837 | CP | % | 85 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049837 | CP | % | 92 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049837 | CP | % | 91 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049837 | CP | % | 79 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049837 | CP | % | 87 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049837 | CP | % | 127 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049837 | CP | % | 96 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049837 | CP | % | 89 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049837 | CP | % | 84 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049837 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049837 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049837 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049837 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049837 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049837 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049837 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049837 | CP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049837 | CP | % | 97 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049837 | CP | % | 91 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049837 | CP | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049837 | CP | % | 99 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0049826 | CP | % | 35 | 36 | 3.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049826 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049826 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049826 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049826 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049830 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049830 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049830 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049830 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0048577 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0048577 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0048577 | NCP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0048577 | NCP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-No0049837 | CP | % | 44 | 43 | 4.0 | 30% | Pass | |

## Comments

Report 1161658-W-V2 (amendment to report 1161658-W) has been issued with required samples.
Report 1161658-V3 (amendment to report 1161658) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-Sample Properties

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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[redacted]

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**Attention:** [redacted]

**Report** **1161658-W-V3**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 19, 2024

| Client Sample ID | | | 0861_MW049_241112 | 0861_MW048_241112 | 0861_QC101_241112 | 0861_SW025_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049804 | B24-No0049805 | B24-No0049806 | B24-No0049808 |
| Date Sampled | | | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.03 | < 0.01 | 0.04 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | [N09]0.11 | [N09]0.01 | [N09]0.12 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.01 | < 0.01 | [N09]0.02 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.02 | < 0.01 | [N09]0.02 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 67 | 82 | 70 | 71 |
| 13C5-PFPeA (surr.) | 1 | % | 81 | 98 | 85 | 87 |
| 13C5-PFHxA (surr.) | 1 | % | 89 | 107 | 86 | 96 |
| 13C4-PFHpA (surr.) | 1 | % | 93 | 105 | 92 | 105 |
| 13C8-PFOA (surr.) | 1 | % | 102 | 98 | 90 | 97 |
| 13C5-PFNA (surr.) | 1 | % | 99 | 113 | 97 | 103 |
| 13C6-PFDA (surr.) | 1 | % | 91 | 104 | 96 | 95 |
| 13C2-PFUnDA (surr.) | 1 | % | 93 | 113 | 88 | 87 |
| 13C2-PFDoDA (surr.) | 1 | % | 83 | 93 | 82 | 77 |
| 13C2-PFTeDA (surr.) | 1 | % | 102 | 103 | 93 | 76 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 112 | 75 | 99 | 75 |
| D3-N-MeFOSA (surr.) | 1 | % | 64 | 28 | 40 | 29 |

| Client Sample ID | | | 0861_MW049_241112 | 0861_MW048_241112 | 0861_QC101_241112 | 0861_SW025_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049804 | B24-No0049805 | B24-No0049806 | B24-No0049808 |
| Date Sampled | | | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 71 | 30 | 41 | 32 |
| D7-N-MeFOSE (surr.) | 1 | % | 67 | 55 | 52 | 42 |
| D9-N-EtFOSE (surr.) | 1 | % | 70 | 47 | 49 | 42 |
| D5-N-EtFOSAA (surr.) | 1 | % | 79 | 117 | 75 | 82 |
| D3-N-MeFOSAA (surr.) | 1 | % | 80 | 110 | 74 | 77 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.09 | < 0.01 | 0.09 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.04 | < 0.01 | 0.05 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.07 | < 0.01 | [N09]0.07 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.35 | [N09]0.06 | [N09]0.41 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.56 | [N09]0.75 | [N09]0.64 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 95 | 105 | 96 | 105 |
| 18O2-PFHxS (surr.) | 1 | % | 100 | 113 | 96 | 103 |
| 13C8-PFOS (surr.) | 1 | % | 103 | 97 | 95 | 96 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 97 | 146 | 104 | 130 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 119 | 183 | 119 | 127 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 92 | 173 | 95 | 94 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 82 | 155 | 80 | 79 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.91 | 0.81 | 1.05 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.58 | 0.75 | 0.66 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.93 | 0.81 | 1.07 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.17 | 0.82 | 1.34 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.28 | 0.82 | 1.46 | < 0.1 |

| Client Sample ID | | | 0861_SW039_241112 | 0861_SW043_241112 | 0861_SW040_241112 | 0861_SW045_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049809 | B24-No0049810 | B24-No0049811 | B24-No0049812 |
| Date Sampled | | | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 76 | 77 | 69 | 70 |
| 13C5-PFPeA (surr.) | 1 | % | 89 | 88 | 74 | 70 |
| 13C5-PFHxA (surr.) | 1 | % | 100 | 100 | 101 | 85 |
| 13C4-PFHpA (surr.) | 1 | % | 102 | 96 | 100 | 106 |
| 13C8-PFOA (surr.) | 1 | % | 98 | 94 | 113 | 114 |
| 13C5-PFNA (surr.) | 1 | % | 113 | 102 | 139 | 144 |
| 13C6-PFDA (surr.) | 1 | % | 101 | 89 | 108 | 118 |
| 13C2-PFUnDA (surr.) | 1 | % | 95 | 82 | 106 | 114 |
| 13C2-PFDoDA (surr.) | 1 | % | 87 | 85 | 95 | 100 |
| 13C2-PFTeDA (surr.) | 1 | % | 91 | 93 | 95 | 138 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 107 | 92 | 106 | 128 |
| D3-N-MeFOSA (surr.) | 1 | % | 59 | 83 | 57 | 87 |
| D5-N-EtFOSA (surr.) | 1 | % | 55 | 77 | 72 | 107 |
| D7-N-MeFOSE (surr.) | 1 | % | 67 | 74 | 65 | 56 |
| D9-N-EtFOSE (surr.) | 1 | % | 63 | 70 | 66 | 88 |
| D5-N-EtFOSAA (surr.) | 1 | % | 82 | 85 | 82 | 85 |
| D3-N-MeFOSAA (surr.) | 1 | % | 88 | 86 | 76 | 76 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.01 | [N09]0.07 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.03 | [N09]0.14 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW039_241112 | 0861_SW043_241112 | 0861_SW040_241112 | 0861_SW045_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049809 | B24-No0049810 | B24-No0049811 | B24-No0049812 |
| Date Sampled | | | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 105 | 110 | 94 | 104 |
| 18O2-PFHxS (surr.) | 1 | % | 111 | 108 | 109 | 113 |
| 13C8-PFOS (surr.) | 1 | % | 106 | 91 | 102 | 104 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 122 | 116 | 128 | 174 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 157 | 128 | 142 | 142 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 103 | 90 | 117 | 112 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 94 | 87 | 81 | 86 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.04 | 0.21 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.03 | 0.14 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.04 | 0.21 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.26 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.29 | < 0.1 |

| Client Sample ID | | | 0861_SW052_241118 | 0861_SW088_241118 | 0861_SW047_241118 | 0861_SW089_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049813 | B24-No0049814 | B24-No0049815 | B24-No0049816 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 66 | 66 | 65 | 66 |
| 13C5-PFPeA (surr.) | 1 | % | 72 | 81 | 79 | 79 |
| 13C5-PFHxA (surr.) | 1 | % | 91 | 82 | 86 | 80 |
| 13C4-PFHpA (surr.) | 1 | % | 88 | 89 | 89 | 87 |
| 13C8-PFOA (surr.) | 1 | % | 92 | 83 | 91 | 84 |
| 13C5-PFNA (surr.) | 1 | % | 104 | 100 | 97 | 105 |
| 13C6-PFDA (surr.) | 1 | % | 101 | 88 | 86 | 99 |

| Client Sample ID | | | 0861_SW052_241118 | 0861_SW088_241118 | 0861_SW047_241118 | 0861_SW089_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049813 | B24-No0049814 | B24-No0049815 | B24-No0049816 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 98 | 87 | 89 | 92 |
| 13C2-PFDoDA (surr.) | 1 | % | 87 | 74 | 80 | 76 |
| 13C2-PFTeDA (surr.) | 1 | % | 87 | 75 | 89 | 101 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 81 | 79 | 108 | 111 |
| D3-N-MeFOSA (surr.) | 1 | % | 36 | 29 | 57 | 79 |
| D5-N-EtFOSA (surr.) | 1 | % | 37 | 28 | 52 | 78 |
| D7-N-MeFOSE (surr.) | 1 | % | 53 | 51 | 73 | 76 |
| D9-N-EtFOSE (surr.) | 1 | % | 49 | 48 | 70 | 77 |
| D5-N-EtFOSAA (surr.) | 1 | % | 91 | 84 | 82 | 85 |
| D3-N-MeFOSAA (surr.) | 1 | % | 89 | 84 | 78 | 79 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 99 | 95 | 92 | 94 |
| 18O2-PFHxS (surr.) | 1 | % | 101 | 90 | 99 | 103 |
| 13C8-PFOS (surr.) | 1 | % | 98 | 90 | 99 | 94 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 109 | 105 | 97 | 101 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 153 | 133 | 131 | 129 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 116 | 101 | 108 | 107 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 87 | 80 | 91 | 81 |

| Client Sample ID | | | 0861_SW052_241118 | 0861_SW088_241118 | 0861_SW047_241118 | 0861_SW089_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049813 | B24-No0049814 | B24-No0049815 | B24-No0049816 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW090_241118 | 0861_SW091_241118 | 0861_QC102_241112 | 0861_QC101_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049817 | B24-No0049818 | B24-No0049819 | B24-No0049820 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 12, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 58 | 67 | 76 | 66 |
| 13C5-PFPeA (surr.) | 1 | % | 64 | 80 | 91 | 82 |
| 13C5-PFHxA (surr.) | 1 | % | 62 | 86 | 95 | 78 |
| 13C4-PFHpA (surr.) | 1 | % | 69 | 88 | 104 | 91 |
| 13C8-PFOA (surr.) | 1 | % | 79 | 91 | 104 | 87 |
| 13C5-PFNA (surr.) | 1 | % | 95 | 108 | 109 | 102 |
| 13C6-PFDA (surr.) | 1 | % | 82 | 87 | 89 | 88 |
| 13C2-PFUnDA (surr.) | 1 | % | 78 | 86 | 88 | 87 |
| 13C2-PFDoDA (surr.) | 1 | % | 74 | 69 | 79 | 64 |
| 13C2-PFTeDA (surr.) | 1 | % | 81 | 84 | 71 | 53 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 90 | 77 | 78 | 55 |

| Client Sample ID | | | 0861_SW090_241118 | 0861_SW091_241118 | 0861_QC102_241112 | 0861_QC101_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049817 | B24-No0049818 | B24-No0049819 | B24-No0049820 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 12, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 69 | 29 | 29 | 12 |
| D5-N-EtFOSA (surr.) | 1 | % | 58 | 32 | 33 | 15 |
| D7-N-MeFOSE (surr.) | 1 | % | 61 | 44 | 38 | 23 |
| D9-N-EtFOSE (surr.) | 1 | % | 66 | 41 | 39 | 25 |
| D5-N-EtFOSAA (surr.) | 1 | % | 79 | 74 | 87 | 76 |
| D3-N-MeFOSAA (surr.) | 1 | % | 77 | 81 | 86 | 73 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 81 | 92 | 106 | 94 |
| 18O2-PFHxS (surr.) | 1 | % | 93 | 95 | 109 | 87 |
| 13C8-PFOS (surr.) | 1 | % | 88 | 97 | 102 | 91 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 96 | 103 | 130 | 103 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 156 | 138 | 152 | 132 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 117 | 98 | 93 | 105 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 77 | 70 | 79 | 66 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC501_241112 | 0861_QC301_241118 | 0861_QC401_241112 | 0861_QC301_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049821 | B24-No0049822 | B24-No0049823 | B24-No0049824 |
| Date Sampled | | | Nov 12, 2024 | Nov 18, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 95 | 100 | 98 | 99 |
| 13C5-PFPeA (surr.) | 1 | % | 104 | 105 | 107 | 105 |
| 13C5-PFHxA (surr.) | 1 | % | 98 | 103 | 102 | 101 |
| 13C4-PFHpA (surr.) | 1 | % | 102 | 115 | 102 | 108 |
| 13C8-PFOA (surr.) | 1 | % | 113 | 113 | 118 | 120 |
| 13C5-PFNA (surr.) | 1 | % | 103 | 107 | 105 | 110 |
| 13C6-PFDA (surr.) | 1 | % | 98 | 106 | 94 | 107 |
| 13C2-PFUnDA (surr.) | 1 | % | 107 | 98 | 105 | 108 |
| 13C2-PFDoDA (surr.) | 1 | % | 99 | 92 | 96 | 97 |
| 13C2-PFTeDA (surr.) | 1 | % | 117 | 80 | 99 | 96 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 98 | 79 | 99 | 92 |
| D3-N-MeFOSA (surr.) | 1 | % | 88 | 51 | 72 | 63 |
| D5-N-EtFOSA (surr.) | 1 | % | 78 | 49 | 71 | 58 |
| D7-N-MeFOSE (surr.) | 1 | % | 84 | 63 | 87 | 80 |
| D9-N-EtFOSE (surr.) | 1 | % | 78 | 65 | 77 | 74 |
| D5-N-EtFOSAA (surr.) | 1 | % | 93 | 93 | 96 | 96 |
| D3-N-MeFOSAA (surr.) | 1 | % | 100 | 100 | 97 | 103 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_QC501_241112 | 0861_QC301_241118 | 0861_QC401_241112 | 0861_QC301_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0049821 | B24-No0049822 | B24-No0049823 | B24-No0049824 |
| Date Sampled | | | Nov 12, 2024 | Nov 18, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 117 | 128 | 125 | 126 |
| 18O2-PFHxS (surr.) | 1 | % | 122 | 136 | 127 | 134 |
| 13C8-PFOS (surr.) | 1 | % | 103 | 109 | 113 | 116 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 79 | 91 | 78 | 78 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 82 | 91 | 83 | 83 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 81 | 85 | 85 | 86 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 97 | 88 | 88 | 93 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC401_241118 |
|---|---|---|---|
| Sample Matrix | | | Water |
| Eurofins Sample No. | | | B24-No0049825 |
| Date Sampled | | | Nov 18, 2024 |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 92 |
| 13C5-PFPeA (surr.) | 1 | % | 102 |
| 13C5-PFHxA (surr.) | 1 | % | 99 |
| 13C4-PFHpA (surr.) | 1 | % | 104 |
| 13C8-PFOA (surr.) | 1 | % | 118 |
| 13C5-PFNA (surr.) | 1 | % | 108 |
| 13C6-PFDA (surr.) | 1 | % | 99 |

| Client Sample ID | | | 0861_QC401_241118 |
|---|---|---|---|
| Sample Matrix | | | Water |
| Eurofins Sample No. | | | B24-No0049825 |
| Date Sampled | | | Nov 18, 2024 |
| Test/Reference | LOR | Unit | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 97 |
| 13C2-PFDoDA (surr.) | 1 | % | 91 |
| 13C2-PFTeDA (surr.) | 1 | % | 97 |
| **Perfluoroalkyl sulfonamido substances** | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 100 |
| D3-N-MeFOSA (surr.) | 1 | % | 73 |
| D5-N-EtFOSA (surr.) | 1 | % | 68 |
| D7-N-MeFOSE (surr.) | 1 | % | 82 |
| D9-N-EtFOSE (surr.) | 1 | % | 78 |
| D5-N-EtFOSAA (surr.) | 1 | % | 97 |
| D3-N-MeFOSAA (surr.) | 1 | % | 93 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 119 |
| 18O2-PFHxS (surr.) | 1 | % | 121 |
| 13C8-PFOS (surr.) | 1 | % | 109 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 86 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 78 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 81 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 95 |

| Client Sample ID | | | 0861_QC401_241118 |
|---|---|---|---|
| Sample Matrix | | | Water |
| Eurofins Sample No. | | | B24-No0049825 |
| Date Sampled | | | Nov 18, 2024 |
| Test/Reference | LOR | Unit | |
| **PFASs Summations** | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 19, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

web: www.eurofins.com.au

**Company Name:** [redacted]
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1161658
**Phone:** [redacted]
**Fax:**

**Received:** Nov 19, 2024 9:45 AM
**Due:** Nov 26, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]u

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_MW049_241112 | Nov 12, 2024 | | Water | B24-No0049804 | | X |
| 2 | 0861_MW048_241112 | Nov 12, 2024 | | Water | B24-No0049805 | | X |
| 3 | 0861_QC101_241112 | Nov 12, 2024 | | Water | B24-No0049806 | | X |
| 4 | 0861_SW025_241112 | Nov 12, 2024 | | Water | B24-No0049808 | | X |
| 5 | 0861_SW039_241112 | Nov 12, 2024 | | Water | B24-No0049809 | | X |
| 6 | 0861_SW043_241112 | Nov 12, 2024 | | Water | B24-No0049810 | | X |
| 7 | 0861_SW040_241112 | Nov 12, 2024 | | Water | B24-No0049811 | | X |
| 8 | 0861_SW045_241112 | Nov 12, 2024 | | Water | B24-No0049812 | | X |
| 9 | 0861_SW052_ | Nov 18, 2024 | | Water | B24-No0049813 | | X |

**Company Name:** [redacted]L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1161658
**Phone:** [redacted]
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**Received:** Nov 19, 2024 9:45 AM
**Due:** Nov 26, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | 241118 | | | | | | |
| 10 | 0861_SW088_241118 | Nov 18, 2024 | | Water | B24-No0049814 | | X |
| 11 | 0861_SW047_241118 | Nov 18, 2024 | | Water | B24-No0049815 | | X |
| 12 | 0861_SW089_241118 | Nov 18, 2024 | | Water | B24-No0049816 | | X |
| 13 | 0861_SW090_241118 | Nov 18, 2024 | | Water | B24-No0049817 | | X |
| 14 | 0861_SW091_241118 | Nov 18, 2024 | | Water | B24-No0049818 | | X |
| 15 | 0861_QC102_241112 | Nov 12, 2024 | | Water | B24-No0049819 | | X |
| 16 | 0861_QC101_241118 | Nov 18, 2024 | | Water | B24-No0049820 | | X |
| 17 | 0861_QC501_241112 | Nov 12, 2024 | | Water | B24-No0049821 | | X |
| 18 | 0861_QC301_241118 | Nov 18, 2024 | | Water | B24-No0049822 | | X |
| 19 | 0861_QC401_ | Nov 12, 2024 | | Water | B24-No0049823 | | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]
Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
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Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
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IANZ# 1402
web: www.eurofins.com.au
[redacted]

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
**Report #:** 1161658
**Phone:** [redacted]
**Fax:**

**Received:** Nov 19, 2024 9:45 AM
**Due:** Nov 26, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_QC401_241112 | Nov 12, 2024 | | Water | B24-No0049823 | | |
| 20 | 0861_QC301_241112 | Nov 12, 2024 | | Water | B24-No0049824 | | X |
| 21 | 0861_QC401_241118 | Nov 18, 2024 | | Water | B24-No0049825 | | X |
| 22 | 0861_SD025_241112 | Nov 12, 2024 | | Soil | B24-No0049826 | X | X |
| 23 | 0861_SD039_241112 | Nov 12, 2024 | | Soil | B24-No0049827 | X | X |
| 24 | 0861_SD043_241112 | Nov 12, 2024 | | Soil | B24-No0049828 | X | X |
| 25 | 0861_SD045_241112 | Nov 12, 2024 | | Soil | B24-No0049829 | X | X |
| 26 | 0861_SD052_241118 | Nov 18, 2024 | | Soil | B24-No0049830 | X | X |
| 27 | 0861_SD088_241118 | Nov 18, 2024 | | Soil | B24-No0049831 | X | X |
| 28 | 0861_SD047_241118 | Nov 18, 2024 | | Soil | B24-No0049832 | X | X |

**Company Name:** [redacted]
**Address:** [redacted]

**Order No.:**
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**Due:** Nov 26, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_SD089_241118 | Nov 18, 2024 | | Soil | B24-No0049833 | X | X |
| 30 | 0861_SD090_241118 | Nov 18, 2024 | | Soil | B24-No0049834 | X | X |
| 31 | 0861_SD091_241118 | Nov 18, 2024 | | Soil | B24-No0049835 | X | X |
| 32 | 0861_QC103_241112 | Nov 12, 2024 | | Soil | B24-No0049836 | X | X |
| 33 | 0861_QC101_241118 | Nov 18, 2024 | | Soil | B24-No0049837 | X | X |
| 34 | 0861_QC502_241112 | Nov 12, 2024 | | Soil | B24-No0049838 | | X |
| 35 | 0861_QC502_241118 | Nov 18, 2024 | | Soil | B24-No0049839 | | X |
| **Test Counts** | | | | | | 12 | 35 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 106 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 115 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 106 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 96 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 95 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 85 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 97 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 103 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 110 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 99 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 110 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 114 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 114 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 118 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 111 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 93 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 102 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 92 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 91 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 110 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 110 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | % | 102 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 96 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 115 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 76 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 117 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 107 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 119 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 111 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 128 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 102 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 103 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 102 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 97 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 120 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 108 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 96 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 91 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 121 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 108 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 97 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 100 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 103 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 110 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 85 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 109 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 114 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 94 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 112 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 109 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 97 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 92 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 108 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 120 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 103 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049192 | NCP | % | 90 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049192 | NCP | % | 99 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049192 | NCP | % | 106 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049192 | NCP | % | 112 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049192 | NCP | % | 96 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049192 | NCP | % | 85 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049192 | NCP | % | 84 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049192 | NCP | % | 99 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049192 | NCP | % | 91 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049192 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049192 | NCP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049192 | NCP | % | 99 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049192 | NCP | % | 95 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049192 | NCP | % | 100 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049192 | NCP | % | 100 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049192 | NCP | % | 109 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049192 | NCP | % | 98 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049192 | NCP | % | 90 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049192 | NCP | % | 76 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049192 | NCP | % | 83 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049192 | NCP | % | 83 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049192 | NCP | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049192 | NCP | % | 88 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049192 | NCP | % | 88 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049192 | NCP | % | 95 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049192 | NCP | % | 90 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049192 | NCP | % | 88 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049192 | NCP | % | 120 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049192 | NCP | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049192 | NCP | % | 84 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049820 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049820 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049820 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049820 | CP | % | 121 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049820 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049820 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049820 | CP | % | 109 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049820 | CP | % | 120 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049820 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049820 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049820 | CP | % | 111 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049820 | CP | % | 118 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049820 | CP | % | 119 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049820 | CP | % | 116 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049820 | CP | % | 123 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049820 | CP | % | 118 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049820 | CP | % | 104 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049820 | CP | % | 126 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049820 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049820 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049820 | CP | % | 108 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049820 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049820 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049820 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049820 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049820 | CP | % | 90 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049820 | CP | % | 126 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049820 | CP | % | 114 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049820 | CP | % | 110 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049820 | CP | % | 113 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049805 | CP | ug/L | 0.01 | 0.01 | 9.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049805 | CP | ug/L | 0.06 | 0.07 | 5.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049805 | CP | ug/L | 0.75 | 0.71 | 5.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049805 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049805 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049191 | NCP | ug/L | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049191 | NCP | ug/L | 0.12 | 0.15 | 20 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049191 | NCP | ug/L | 0.69 | 0.83 | 19 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049191 | NCP | ug/L | 0.10 | 0.10 | 7.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049191 | NCP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049191 | NCP | ug/L | 5.1 | 6.7 | 28 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049191 | NCP | ug/L | 0.59 | 0.64 | 9.0 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049191 | NCP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0049815 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0049815 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

Report 1161658-W-V2 (amendment to report 1161658-W) has been issued with required samples.

Report 1161658-V3 (amendment to report 1161658) has been issued with amended samples as per email request.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

## Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-PFAS

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24
PROJECT NAME: DoD Amberley OMP 2024
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO [redacted]
COMMENTS / SPECIAL [redacted]
**Standard LOR**
please use sample ID

LABORATORY BATCH NO.:
SAMPLERS: EB
QC LEVEL: NEPM (2013)

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW0545_24\|126 | water | 26/11 | | 1 x bottle | | X | | | |
| 0861_MW0542_24\|126 | | \| | | \| | | X | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_MW _24 | | | | | | | | | |
| 0861_QC502_24\|126 | | \| | | \| | | X | | | |
| 0861_QC101_24\|126 | | | | | | | X | | | |
| 0861_QC302_24\|126 | | | | | | | X | | | |
| 0861_QC402_24\|126 | | | | | | | X | | | |

BY: [redacted]
NAME: [redacted]
DATE: 27/11/2024
OF: JBS[redacted]

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.

NAME: [redacted]
OF:

CONSIGNMENT NOTE NO.
TRANSPORT CO

RECEIVED BY: [redacted]
NAME: [redacted]
DATE:
OF:

NAME:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Acetate Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

#1164996

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Envirolab Groundwater

P/s fwd Envirolab

**Chain of Custody**

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_24

PROJECT NAME: DoD Amberley OMP 2024

DATE NEEDED BY: Standard TAT

PHONE: Sydney [redacted]

SEND REPORT TO: [redacted]

SEND INVOICE TO:

LABORATORY BATCH NO.:

SAMPLERS: EB

QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

please use Sample. ID

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_241126 | water | 26/11 | | 1 x bottle | | X | | | |
| ~~0861_QC _24~~ | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE 27/11/2024 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: | |
| NAME: | CONSIGNMENT NOTE NO. | OF: | COOLER TEMP ..... deg C |
| OF: | TRANSPORT CO | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| | | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other



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**JBS & G Australia (QLD) P/L**
[redacted]

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 20794 & 2780**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1164996-W**
Project name DOD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Nov 27, 2024

| **Client Sample ID** | | | **0861_MW054S_241126** | **0861_MW054D_241126** | **0861_QC502_241126** | **0861_QC101_241126** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B24-No0077370** | **B24-No0077371** | **B24-No0077372** | **B24-No0077373** |
| **Date Sampled** | | | **Nov 26, 2024** | **Nov 26, 2024** | **Nov 26, 2024** | **Nov 26, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 75 | 85 | 114 | 75 |
| 13C5-PFPeA (surr.) | 1 | % | 63 | 83 | 135 | 54 |
| 13C5-PFHxA (surr.) | 1 | % | 56 | 84 | 118 | 61 |
| 13C4-PFHpA (surr.) | 1 | % | 84 | 94 | 119 | 83 |
| 13C8-PFOA (surr.) | 1 | % | 101 | 94 | 102 | 99 |
| 13C5-PFNA (surr.) | 1 | % | 104 | 89 | 111 | 112 |
| 13C6-PFDA (surr.) | 1 | % | 111 | 75 | 103 | 103 |
| 13C2-PFUnDA (surr.) | 1 | % | 111 | 85 | 117 | 107 |
| 13C2-PFDoDA (surr.) | 1 | % | 83 | 67 | 100 | 77 |
| 13C2-PFTeDA (surr.) | 1 | % | 120 | 117 | 133 | 108 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 138 | 94 | 92 | 125 |
| D3-N-MeFOSA (surr.) | 1 | % | 46 | 58 | 42 | 34 |

| Client Sample ID | | | 0861_MW054S_241126 | 0861_MW054D_241126 | 0861_QC502_241126 | 0861_QC101_241126 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B24-No0077370 | B24-No0077371 | B24-No0077372 | B24-No0077373 |
| Date Sampled | | | Nov 26, 2024 | Nov 26, 2024 | Nov 26, 2024 | Nov 26, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 57 | 72 | 44 | 39 |
| D7-N-MeFOSE (surr.) | 1 | % | 72 | 74 | 69 | 75 |
| D9-N-EtFOSE (surr.) | 1 | % | 110 | 93 | 113 | 90 |
| D5-N-EtFOSAA (surr.) | 1 | % | 84 | 65 | 87 | 80 |
| D3-N-MeFOSAA (surr.) | 1 | % | 77 | 67 | 92 | 72 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.04 | [N09]0.01 | < 0.01 | [N09]0.04 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.08 | [N09]0.01 | < 0.01 | [N09]0.08 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 98 | 70 | 100 | 90 |
| 18O2-PFHxS (surr.) | 1 | % | 91 | 76 | 101 | 94 |
| 13C8-PFOS (surr.) | 1 | % | 65 | 65 | 96 | 74 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 122 | 141 | 124 | 124 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 133 | 114 | 92 | 146 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 108 | 61 | 77 | 99 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 95 | 79 | 118 | 76 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.12 | 0.02 | < 0.01 | 0.12 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.08 | 0.01 | < 0.01 | 0.08 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.12 | 0.02 | < 0.01 | 0.12 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.12 | < 0.05 | < 0.05 | 0.12 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.12 | < 0.1 | < 0.1 | 0.12 |

| Client Sample ID | | | 0861_QC302_241126 | 0861_QC402_241126 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B24-No0077374 | B24-No0077375 |
| Date Sampled | | | Nov 26, 2024 | Nov 26, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 110 | 118 |
| 13C5-PFPeA (surr.) | 1 | % | 127 | 144 |
| 13C5-PFHxA (surr.) | 1 | % | 110 | 110 |
| 13C4-PFHpA (surr.) | 1 | % | 126 | 123 |
| 13C8-PFOA (surr.) | 1 | % | 105 | 106 |
| 13C5-PFNA (surr.) | 1 | % | 104 | 112 |
| 13C6-PFDA (surr.) | 1 | % | 96 | 100 |
| 13C2-PFUnDA (surr.) | 1 | % | 106 | 113 |
| 13C2-PFDoDA (surr.) | 1 | % | 88 | 97 |
| 13C2-PFTeDA (surr.) | 1 | % | 133 | 140 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 116 | 102 |
| D3-N-MeFOSA (surr.) | 1 | % | 69 | 59 |
| D5-N-EtFOSA (surr.) | 1 | % | 88 | 68 |
| D7-N-MeFOSE (surr.) | 1 | % | 77 | 66 |
| D9-N-EtFOSE (surr.) | 1 | % | 119 | 123 |
| D5-N-EtFOSAA (surr.) | 1 | % | 81 | 86 |
| D3-N-MeFOSAA (surr.) | 1 | % | 83 | 92 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_QC302_241126 | 0861_QC402_241126 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B24-No0077374 | B24-No0077375 |
| Date Sampled | | | Nov 26, 2024 | Nov 26, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| 13C3-PFBS (surr.) | 1 | % | 95 | 109 |
| 18O2-PFHxS (surr.) | 1 | % | 90 | 100 |
| 13C8-PFOS (surr.) | 1 | % | 85 | 91 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 118 | 121 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 97 | 96 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 71 | 76 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 103 | 107 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | Nov 28, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | Nov 28, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | Nov 28, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | Nov 28, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

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**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1164996
**Phone:** [redacted]
**Fax:**

**Received:** Nov 27, 2024 4:10 PM
**Due:** Dec 4, 2024
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_MW054S_241126 | Nov 26, 2024 | | Water | B24-No0077370 | X |
| 2 | 0861_MW054D_241126 | Nov 26, 2024 | | Water | B24-No0077371 | X |
| 3 | 0861_QC502_241126 | Nov 26, 2024 | | Water | B24-No0077372 | X |
| 4 | 0861_QC101_241126 | Nov 26, 2024 | | Water | B24-No0077373 | X |
| 5 | 0861_QC302_241126 | Nov 26, 2024 | | Water | B24-No0077374 | X |
| 6 | 0861_QC402_241126 | Nov 26, 2024 | | Water | B24-No0077375 | X |
| **Test Counts** | | | | | | 6 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 115 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 114 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 115 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 102 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 96 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 111 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 107 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 116 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 119 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 102 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 96 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 116 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 100 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 104 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 101 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 108 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 117 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 113 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 101 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 114 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 120 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 110 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 114 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 95 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 128 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 115 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 105 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-No0077370 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-No0077370 | CP | % | 144 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-No0077370 | CP | % | 124 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-No0077370 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-No0077370 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-No0077370 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-No0077370 | CP | % | 70 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-No0077370 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-No0077370 | CP | % | 123 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-No0077370 | CP | % | 119 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-No0077370 | CP | % | 104 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-No0077370 | CP | % | 61 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-No0077370 | CP | % | 137 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-No0077370 | CP | % | 77 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-No0077370 | CP | % | 71 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-No0077370 | CP | % | 101 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-No0077370 | CP | % | 96 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-No0077370 | CP | % | 109 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-No0077370 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-No0077370 | CP | % | 140 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-No0077370 | CP | % | 123 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-No0077370 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-No0077370 | CP | % | 121 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-No0077370 | CP | % | 112 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-No0077370 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-No0077370 | CP | % | 94 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-No0077370 | CP | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-No0077370 | CP | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-No0077370 | CP | % | 107 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-No0077370 | CP | % | 100 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-No0064515 | NCP | ug/L | 0.01 | 0.01 | 9.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-No0064515 | NCP | ug/L | 0.03 | 0.04 | 7.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-No0064515 | NCP | ug/L | 0.10 | 0.11 | 7.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-No0064515 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-No0064515 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | Yes |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS

[redacted]

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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[redacted]

**From:** [redacted] >
**Sent:**
**To:**
**Cc:**
**Subject:** 0861_PFASOMP_2024a

**Follow Up Flag:** Follow up
**Flag Status:** Completed

**Unverified Sender:** The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hello,

Can I please have the following sediment sample re-run to report for trace LOR (0.0002 – 0.001 mg/kg):

- **1155836:** 0861_SD002_241031, 0861_SD003_241031, 0861_SD011_241031, 0861_SD021_241101, 0861_SD027_241028, 0861_SD030_241028, 0861_SD037_241031, 0861_SD048_241028, 0861_SD049_241101, 0861_SD056_241028, 0861_SD059_241031, 0861_SD076_241028
- **1156536:** 0861_SD041_241105, 0861_SD050_241104, 0861_SD051_241104, 0861_SD053_241105, 0861_SD064_241105, 0861_SD067_241105, 0861_SD079_241105, 0861_SD080_241105
- **1158342:** 0861_SD004_241108, 0861_SD005_241108, 0861_SD008_241106, 0861_SD009_241108, 0861_SD015_241107, 0861_SD016_241105, 0861_SD018_241106, 0861_SD020_241106, 0861_SD026_24, 0861_SD028_241107, 0861_SD034_241106, 0861_SD036_241108, 0861_SD038_241106, 0861_SD094_241108, 0861_SD098_24, 0861_SD099_241106, 0861_SD100_241106
- **1161658:** 0861_SD025_241112, 0861_SD039_241112, 0861_SD043_241112, 0861_SD045_241112, 0861_SD047_241118, 0861_SD052_241118, 0861_SD088_241118, 0861_SD089_241118, 0861_SD090_241118, 0861_SD091_241118

Thanks!

[redacted]

[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1173066-S**
Project name DoD AMBERLEY OMP 2024
Project ID QLD_0861_PFASOMP_24
Received Date Dec 17, 2024

| **Client Sample ID** | | | **0861_SD002_241031** | **0861_SD003_241031** | **0861_SD011_241031** | **0861_SD021_241101** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **B24-De0050126** | **B24-De0050127** | **B24-De0050128** | **B24-De0050129** |
| **Date Sampled** | | | **Oct 31, 2024** | **Oct 31, 2024** | **Oct 31, 2024** | **Nov 01, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 40 | 5.1 | 67 | 24 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 40.1 | 14.9 | 138 | 113.8 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 40.8 | 15.2 | 139.5 | 115.5 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 53.1 | 18.5 | 154.6 | 147.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 38.7 | 14.3 | 121.5 | 111.7 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 43.4 | 15.9 | 146.5 | 120.1 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | 3.6 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 55 | 36 | 29 | 63 |
| D3-N-MeFOSA (surr.) | 1 | % | 63 | 47 | 12 | 63 |
| D5-N-EtFOSA (surr.) | 1 | % | 42 | 52 | 12 | 54 |
| D7-N-MeFOSE (surr.) | 1 | % | 80 | 32 | 28 | 83 |
| D9-N-EtFOSE (surr.) | 1 | % | 60 | 43 | 15 | 59 |
| D5-N-EtFOSAA (surr.) | 1 | % | 77 | [J-]2.0 | 52 | 70 |
| D3-N-MeFOSAA (surr.) | 1 | % | 79 | [J-]3.0 | 57 | 54 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | 1.3 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.9 | 0.2 | 0.5 | 0.7 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | [N09]0.9 | [N09]0.3 | [N09]3.1 | [N09]2.3 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | [N09]0.6 | [N09]0.2 | [N09]0.9 | [N09]1.0 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.7 | [N09]0.3 | [N09]1.5 | [N09]1.7 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | 0.6 | 0.3 | 0.3 | 0.6 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | 1.1 | 0.2 | 0.7 | 0.4 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | 0.3 | 0.2 | [G01]< 0.5 | 1.9 |

| Client Sample ID | | | 0861_SD002_241031 | 0861_SD003_241031 | 0861_SD011_241031 | 0861_SD021_241101 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050126 | B24-De0050127 | B24-De0050128 | B24-De0050129 |
| Date Sampled | | | Oct 31, 2024 | Oct 31, 2024 | Oct 31, 2024 | Nov 01, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | 1.3 | 0.4 | 0.6 | 1.6 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 1.2 | 0.6 | 1.3 | 1.8 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | 0.3 | 0.2 | < 0.1 | 0.6 |
| 13C4-PFBA (surr.) | 1 | % | 103 | 57 | 112 | 105 |
| 13C5-PFPeA (surr.) | 1 | % | 79 | 52 | 88 | 80 |
| 13C5-PFHxA (surr.) | 1 | % | 91 | 61 | 101 | 85 |
| 13C4-PFHpA (surr.) | 1 | % | 88 | 63 | 98 | 80 |
| 13C8-PFOA (surr.) | 1 | % | 90 | 51 | 105 | 88 |
| 13C5-PFNA (surr.) | 1 | % | 96 | 51 | 101 | 100 |
| 13C6-PFDA (surr.) | 1 | % | 104 | 71 | 85 | 103 |
| 13C2-PFUnDA (surr.) | 1 | % | 104 | 82 | 51 | 67 |
| 13C2-PFDoDA (surr.) | 1 | % | 70 | 66 | 87 | 73 |
| 13C2-PFTeDA (surr.) | 1 | % | 70 | 76 | 25 | 56 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | 1.2 | 0.3 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | 1.6 | [N09]0.2 | 0.8 | 2.4 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.5 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | 0.1 | < 0.1 | [N09]1.7 | [N09]0.3 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]2.1 | [N09]0.9 | [N09]18 | [N09]3.8 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | 0.3 | [N09]0.1 | 1.9 | 1.0 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | 38 | [N09]14 | 120 | 110 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | 2.9 | [N09]0.4 | 0.3 | 13 |
| 13C3-PFBS (surr.) | 1 | % | 90 | 67 | 112 | 117 |
| 18O2-PFHxS (surr.) | 1 | % | 79 | 74 | 107 | 59 |
| 13C8-PFOS (surr.) | 1 | % | 85 | 69 | 111 | 88 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | 0.3 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 55 | 39 | 15 | 62 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 103 | 32 | 112 | 105 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 71 | 34 | 84 | 87 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 103 | 31 | 112 | 105 |

| Client Sample ID | | | 0861_SD027_241028 | 0861_SD030_241028 | 0861_SD037_241031 | 0861_SD048_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050130 | B24-De0050131 | B24-De0050132 | B24-De0050133 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 31, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 30 | 23 | 82 | 42 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 15.7 | 20.6 | 908 | 64.5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 15.7 | 21.4 | 916.5 | 66 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 17.3 | 34.2 | 1003.2 | 110.2 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 14 | 19.8 | 858.5 | 59.5 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 16.3 | 30.4 | 953.3 | 73 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | 0.8 | 3.1 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 68 | 59 | 35 | 55 |
| D3-N-MeFOSA (surr.) | 1 | % | 11 | 47 | 24 | 11 |
| D5-N-EtFOSA (surr.) | 1 | % | 13 | 47 | 2.0 | 11 |
| D7-N-MeFOSE (surr.) | 1 | % | 41 | 72 | 11 | 21 |
| D9-N-EtFOSE (surr.) | 1 | % | 16 | 53 | 22 | 20 |
| D5-N-EtFOSAA (surr.) | 1 | % | 21 | 68 | 52 | 66 |
| D3-N-MeFOSAA (surr.) | 1 | % | 54 | 67 | 67 | 56 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | 1.3 | 2.4 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | [G01]< 0.2 | 3.5 | 5.7 | 0.5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | [N09]0.3 | [N09]2.0 | [N09]19 | [N09]2.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | 0.1 | [N09]1.3 | [N09]3.5 | [N09]1.3 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | < 0.1 | [N09]0.8 | [N09]8.5 | [N09]1.5 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | 0.2 | 2.0 | 1.6 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | 0.2 | 4.2 | 2.5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | 0.3 | [G01]< 0.5 | 4.7 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | 0.5 | 2.1 | 5.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 0.5 | 1.3 | 5.6 | 7.5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | [G01]< 1 | 0.4 | [G01]< 0.5 | 7.4 |
| 13C4-PFBA (surr.) | 1 | % | 121 | 111 | 73 | 94 |
| 13C5-PFPeA (surr.) | 1 | % | 25 | 88 | 62 | 68 |
| 13C5-PFHxA (surr.) | 1 | % | 105 | 99 | 106 | 58 |
| 13C4-PFHpA (surr.) | 1 | % | 84 | 50 | 52 | 87 |
| 13C8-PFOA (surr.) | 1 | % | 97 | 95 | 56 | 64 |
| 13C5-PFNA (surr.) | 1 | % | 82 | 104 | 69 | 77 |
| 13C6-PFDA (surr.) | 1 | % | 67 | 110 | 68 | 93 |
| 13C2-PFUnDA (surr.) | 1 | % | 34 | 116 | 67 | 82 |
| 13C2-PFDoDA (surr.) | 1 | % | [J-]15 | 85 | 64 | 56 |
| 13C2-PFTeDA (surr.) | 1 | % | 12 | 52 | 86 | 118 |

| Client Sample ID | | | 0861_SD027_241028 | 0861_SD030_241028 | 0861_SD037_241031 | 0861_SD048_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050130 | B24-De0050131 | B24-De0050132 | B24-De0050133 |
| Date Sampled | | | Oct 28, 2024 | Oct 28, 2024 | Oct 31, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 0.2 | 0.1 | 6.2 | 0.7 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | 0.2 | 8.0 | 1.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 3.5 | 0.5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | 0.2 | [N09]0.2 | [N09]8.0 | [N09]0.6 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | 1.7 | [N09]1.6 | [N09]58 | [N09]6.5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | 0.2 | 0.2 | 9.8 | 0.9 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | 14 | 19 | 850 | 58 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | 0.1 | 0.3 | 5.8 | 2.1 |
| 13C3-PFBS (surr.) | 1 | % | 106 | 91 | 69 | 74 |
| 18O2-PFHxS (surr.) | 1 | % | 94 | 77 | 67 | 70 |
| 13C8-PFOS (surr.) | 1 | % | 101 | 96 | 76 | 84 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | 0.6 | < 0.5 | 1.7 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | 0.2 | < 0.1 | 0.6 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 30 | 62 | 33 | 36 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 121 | 111 | 73 | 94 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 76 | 103 | 78 | 102 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 121 | 111 | 73 | 94 |

| Client Sample ID | | | 0861_SD049_241101 | 0861_SD056_241028 | 0861_SD059_241031 | 0861_SD076_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050134 | B24-De0050135 | B24-De0050136 | B24-De0050137 |
| Date Sampled | | | Nov 01, 2024 | Oct 28, 2024 | Oct 31, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 53 | 71 | 65 | 64 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 22.3 | 220 | 167.5 | 72.2 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 22.5 | 222.8 | 169.9 | 73.8 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 23.9 | 257.9 | 223.6 | 92.7 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 21.2 | 202.8 | 162.4 | 64.6 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 23.2 | 240.5 | 175.8 | 84.6 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | 3.9 | 0.7 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | 0861_SD049_241101 | 0861_SD056_241028 | 0861_SD059_241031 | 0861_SD076_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050134 | B24-De0050135 | B24-De0050136 | B24-De0050137 |
| Date Sampled | | | Nov 01, 2024 | Oct 28, 2024 | Oct 31, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 49 | 64 | 116 | 81 |
| D3-N-MeFOSA (surr.) | 1 | % | 50 | 12 | 88 | 61 |
| D5-N-EtFOSA (surr.) | 1 | % | 53 | 17 | 94 | 64 |
| D7-N-MeFOSE (surr.) | 1 | % | 20 | 33 | 167 | 98 |
| D9-N-EtFOSE (surr.) | 1 | % | 14 | 20 | 109 | 67 |
| D5-N-EtFOSAA (surr.) | 1 | % | 79 | 42 | 191 | 159 |
| D3-N-MeFOSAA (surr.) | 1 | % | 65 | 45 | 157 | 141 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | 1.6 | < 0.5 | 1.0 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.2 | 4.7 | 0.2 | 3.2 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | [N09]0.3 | [N09]6.1 | [N09]2.5 | [N09]3.8 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | 0.2 | [N09]3.2 | [N09]1.3 | [N09]1.4 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.2 | [N09]2.8 | [N09]2.4 | [N09]1.6 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | 0.6 | 1.4 | 0.4 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | 0.7 | 2.5 | 0.5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | [G01]< 0.5 | [G01]< 0.5 | 0.2 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | 1.8 | 3.7 | 0.7 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | 1.6 | 4.7 | 0.9 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | [G01]< 0.5 | 0.5 | 0.2 |
| 13C4-PFBA (surr.) | 1 | % | 77 | 90 | 135 | 126 |
| 13C5-PFPeA (surr.) | 1 | % | 67 | 79 | 122 | 93 |
| 13C5-PFHxA (surr.) | 1 | % | 70 | 57 | 116 | 102 |
| 13C4-PFHpA (surr.) | 1 | % | 67 | 87 | 142 | 104 |
| 13C8-PFOA (surr.) | 1 | % | 60 | 78 | 128 | 108 |
| 13C5-PFNA (surr.) | 1 | % | 62 | 73 | 115 | 113 |
| 13C6-PFDA (surr.) | 1 | % | 81 | 73 | 111 | 134 |
| 13C2-PFUnDA (surr.) | 1 | % | 64 | 81 | 114 | 139 |
| 13C2-PFDoDA (surr.) | 1 | % | 69 | 89 | 106 | 115 |
| 13C2-PFTeDA (surr.) | 1 | % | 77 | 93 | 128 | 119 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | 2.1 | 0.6 | 1.4 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | 1.4 | 7.1 | 0.9 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | 1.1 | < 0.1 | 0.9 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | 0.1 | [N09]2.5 | 0.7 | [N09]1.2 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]1.3 | [N09]20 | [N09]7.5 | [N09]9.2 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | [N09]0.2 | 2.1 | 1.3 | 0.9 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]21 | 200 | 160 | 63 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | [N09]0.4 | 1.7 | 25 | 1.3 |
| 13C3-PFBS (surr.) | 1 | % | 60 | 86 | 145 | 103 |
| 18O2-PFHxS (surr.) | 1 | % | 68 | 78 | 121 | 97 |
| 13C8-PFOS (surr.) | 1 | % | 68 | 78 | 110 | 109 |

| Client Sample ID | | | 0861_SD049_241101 | 0861_SD056_241028 | 0861_SD059_241031 | 0861_SD076_241028 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050134 | B24-De0050135 | B24-De0050136 | B24-De0050137 |
| Date Sampled | | | Nov 01, 2024 | Oct 28, 2024 | Oct 31, 2024 | Oct 28, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 1.3 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.2 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 68 | 42 | 24 | 79 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 55 | 90 | 135 | 126 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 49 | 68 | 139 | 74 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 40 | 90 | 135 | 126 |

| Client Sample ID | | | 0861_SD041_241105 | 0861_SD050_241104 | 0861_SD051_241104 | 0861_SD053_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050138 | B24-De0050139 | B24-De0050140 | B24-De0050141 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 85 | 49 | 48 | 81 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 1140 | 17.8 | 5.2 | 47.7 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 1152 | 18.5 | 5.2 | 48.3 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 1287.2 | 23.1 | 6.5 | 56.2 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 972 | 8.7 | 4.8 | 45.6 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 1218.3 | 20.8 | 6.5 | 50.2 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | 2.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 70 | 32 | 13 | 58 |
| D3-N-MeFOSA (surr.) | 1 | % | 3.0 | 37 | 48 | 4.0 |
| D5-N-EtFOSA (surr.) | 1 | % | 2.0 | 29 | 45 | 3.0 |
| D7-N-MeFOSE (surr.) | 1 | % | 15 | 15 | 32 | 26 |
| D9-N-EtFOSE (surr.) | 1 | % | 10 | 108 | 9.0 | 22 |
| D5-N-EtFOSAA (surr.) | 1 | % | 161 | 14 | 25 | 126 |
| D3-N-MeFOSAA (surr.) | 1 | % | 143 | 21 | 36 | 112 |

| Client Sample ID | | | 0861_SD041_241105 | 0861_SD050_241104 | 0861_SD051_241104 | 0861_SD053_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050138 | B24-De0050139 | B24-De0050140 | B24-De0050141 |
| Date Sampled | | | Nov 05, 2024 | Nov 04, 2024 | Nov 04, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | 8.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 14 | < 0.1 | 0.6 | 0.4 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | [N09]24 | < 0.1 | [N09]0.4 | [N09]0.8 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | [N09]6.4 | 0.2 | [N09]0.3 | 0.4 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]12 | [N09]0.7 | < 0.1 | [N09]0.6 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | 3.4 | < 0.1 | < 0.1 | 0.4 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | 2.1 | < 0.1 | < 0.1 | 1.0 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | 0.7 | [G01]< 0.5 | < 0.1 | 0.5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | 5.1 | < 0.1 | < 0.1 | 0.6 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 5.3 | < 0.1 | < 0.1 | 1.4 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | 0.3 | < 0.1 | [G01]< 0.5 | 1.1 |
| 13C4-PFBA (surr.) | 1 | % | 77 | 85 | 130 | 71 |
| 13C5-PFPeA (surr.) | 1 | % | 62 | 61 | 102 | 59 |
| 13C5-PFHxA (surr.) | 1 | % | 74 | 45 | 98 | 55 |
| 13C4-PFHpA (surr.) | 1 | % | 79 | 35 | 79 | 64 |
| 13C8-PFOA (surr.) | 1 | % | 94 | 101 | 91 | 81 |
| 13C5-PFNA (surr.) | 1 | % | 115 | 34 | 84 | 94 |
| 13C6-PFDA (surr.) | 1 | % | 106 | 21 | 52 | 113 |
| 13C2-PFUnDA (surr.) | 1 | % | 127 | 12 | 22 | 111 |
| 13C2-PFDoDA (surr.) | 1 | % | 115 | 32 | 12 | 109 |
| 13C2-PFTeDA (surr.) | 1 | % | 107 | 26 | 30 | 67 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 13 | 2.1 | < 0.1 | 0.3 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 1 | < 0.1 | < 0.1 | 0.4 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | 4.8 | 0.6 | < 0.1 | 0.4 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | [N09]18 | [N09]1.2 | < 0.1 | 0.2 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]180 | [N09]9.8 | [N09]0.4 | [N09]2.7 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | 14 | 0.5 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | 960 | 8.0 | 4.8 | 45 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | 12 | < 0.1 | < 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 112 | 73 | 130 | 91 |
| 18O2-PFHxS (surr.) | 1 | % | 85 | 65 | 108 | 79 |
| 13C8-PFOS (surr.) | 1 | % | 84 | 84 | 110 | 103 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | 0.4 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | 0.7 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 55 | 33 | 56 | 28 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 77 | 85 | 130 | 71 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 63 | 41 | 62 | 48 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 77 | 85 | 130 | 71 |

| Client Sample ID | | | 0861_SD064_241105 | 0861_SD067_241105 | 0861_SD079_241105 | 0861_SD080_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050142 | B24-De0050143 | B24-De0050144 | B24-De0050145 |
| Date Sampled | | | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 34 | 24 | 29 | 57 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 106.4 | 827 | 92 | 860 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 107.1 | 833.4 | 92.9 | 874 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 114 | 955 | 102.8 | 1055.6 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 100.7 | 776.4 | 77.9 | 764 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 111.1 | 867.1 | 97 | 931.9 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | [N09]2.9 | [N09]< 0.5 | 5.1 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 79 | 62 | 93 | 52 |
| D3-N-MeFOSA (surr.) | 1 | % | 70 | 76 | 104 | 12 |
| D5-N-EtFOSA (surr.) | 1 | % | 76 | 91 | 166 | 11 |
| D7-N-MeFOSE (surr.) | 1 | % | 102 | 63 | 98 | 23 |
| D9-N-EtFOSE (surr.) | 1 | % | 103 | 70 | 131 | 28 |
| D5-N-EtFOSAA (surr.) | 1 | % | 115 | 64 | 178 | 42 |
| D3-N-MeFOSAA (surr.) | 1 | % | 95 | 68 | 163 | 55 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | 0.8 | 4.7 | < 0.5 | 5.1 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.9 | 8.2 | 0.6 | 11 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | [N09]1.4 | [N09]13 | [N09]1.9 | [N09]19 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | [N09]0.3 | [N09]3.0 | [N09]0.5 | [N09]8.0 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.7 | [N09]6.4 | [N09]0.9 | [N09]14 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | 4.0 | 0.1 | 7.9 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | 0.2 | 5.1 | < 0.1 | 10 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | 4.3 | 0.1 | 8.4 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | 0.2 | 8.3 | 0.3 | 18 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 0.1 | 14 | 0.4 | 20 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | 1.9 | < 0.1 | 15 |
| 13C4-PFBA (surr.) | 1 | % | 114 | 89 | 120 | 108 |
| 13C5-PFPeA (surr.) | 1 | % | 84 | 76 | 104 | 84 |
| 13C5-PFHxA (surr.) | 1 | % | 88 | 81 | 110 | 74 |
| 13C4-PFHpA (surr.) | 1 | % | 86 | 75 | 108 | 60 |
| 13C8-PFOA (surr.) | 1 | % | 97 | 63 | 98 | 70 |
| 13C5-PFNA (surr.) | 1 | % | 106 | 69 | 82 | 83 |
| 13C6-PFDA (surr.) | 1 | % | 112 | 71 | 123 | 56 |
| 13C2-PFUnDA (surr.) | 1 | % | 115 | 101 | 137 | 52 |
| 13C2-PFDoDA (surr.) | 1 | % | 114 | 81 | 144 | [J-]32 |
| 13C2-PFTeDA (surr.) | 1 | % | 133 | 90 | 180 | [J-]22 |

| Client Sample ID | | | 0861_SD064_241105 | 0861_SD067_241105 | 0861_SD079_241105 | 0861_SD080_241105 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050142 | B24-De0050143 | B24-De0050144 | B24-De0050145 |
| Date Sampled | | | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 | Nov 05, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 0.6 | 4.6 | 1.1 | 6.8 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | 1.0 | [N09]7.0 | [N09]0.5 | 5.5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | [G01]< 0.2 | 1.5 | 0.6 | 3.0 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | [N09]0.6 | [N09]5.6 | [N09]1.3 | [N09]8.0 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]6.4 | [N09]57 | [N09]15 | [N09]110 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | 0.8 | [N09]6.3 | [N09]1.6 | 18 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | 100 | [N09]770 | [N09]77 | 750 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | < 1 | [N09]27 | [N09]0.9 | 4.4 |
| 13C3-PFBS (surr.) | 1 | % | 139 | 68 | 103 | 129 |
| 18O2-PFHxS (surr.) | 1 | % | 122 | 84 | 105 | 100 |
| 13C8-PFOS (surr.) | 1 | % | 98 | 62 | 104 | 108 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | 1.4 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | 0.2 | < 0.1 | 6.6 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | 0.4 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 55 | 71 | 117 | 47 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 114 | 64 | 86 | 108 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 86 | [J-]46 | 82 | 44 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 114 | 47 | 66 | 108 |

| Client Sample ID | | | 0861_SD004_241108 | 0861_SD005_241108 | 0861_SD008_241106 | 0861_SD009_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050146 | B24-De0050147 | B24-De0050148 | B24-De0050149 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 35 | 42 | 42 | 41 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 6 | 13.6 | 21.5 | 1.5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 6.3 | 13.7 | 21.9 | 1.6 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 9.3 | 14.9 | 27.2 | 2.1 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 4.4 | 12.1 | 19.4 | 1.4 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 7.8 | 14.4 | 24.5 | 1.8 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | 0861_SD004_241108 | 0861_SD005_241108 | 0861_SD008_241106 | 0861_SD009_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050146 | B24-De0050147 | B24-De0050148 | B24-De0050149 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 96 | 15 | 133 | 38 |
| D3-N-MeFOSA (surr.) | 1 | % | 104 | 13 | 132 | 19 |
| D5-N-EtFOSA (surr.) | 1 | % | 104 | 12 | 132 | 18 |
| D7-N-MeFOSE (surr.) | 1 | % | 96 | 40 | 133 | 43 |
| D9-N-EtFOSE (surr.) | 1 | % | 96 | 68 | 133 | 20 |
| D5-N-EtFOSAA (surr.) | 1 | % | 31 | 20 | 89 | 32 |
| D3-N-MeFOSAA (surr.) | 1 | % | 34 | 41 | 95 | 43 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.2 | [G01]< 0.2 | 0.9 | [G01]< 0.2 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 0.9 | [N09]0.4 | 1.1 | 0.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | [N09]0.2 | 0.1 | [N09]0.3 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.3 | 0.1 | [N09]0.4 | 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.2 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.3 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 0.1 | < 0.1 | 0.2 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | [G01]< 0.5 | < 0.1 | [G01]< 1 |
| 13C4-PFBA (surr.) | 1 | % | 104 | 124 | 132 | 106 |
| 13C5-PFPeA (surr.) | 1 | % | 99 | 28 | 129 | 12 |
| 13C5-PFHxA (surr.) | 1 | % | 96 | 142 | 133 | 111 |
| 13C4-PFHpA (surr.) | 1 | % | 99 | 109 | 125 | 99 |
| 13C8-PFOA (surr.) | 1 | % | 96 | 116 | 133 | 113 |
| 13C5-PFNA (surr.) | 1 | % | 115 | 94 | 155 | 94 |
| 13C6-PFDA (surr.) | 1 | % | 113 | 76 | 142 | 95 |
| 13C2-PFUnDA (surr.) | 1 | % | 106 | 39 | 141 | 72 |
| 13C2-PFDoDA (surr.) | 1 | % | 90 | 16 | 128 | 30 |
| 13C2-PFTeDA (surr.) | 1 | % | 67 | 11 | 117 | 22 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 0.2 | 0.2 | 0.3 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | [N09]0.5 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | [N09]0.2 | 0.2 | [N09]0.4 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]1.9 | 1.6 | [N09]2.5 | 0.2 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | 0.1 | 0.1 | [N09]0.2 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]4.1 | 12 | [N09]19 | 1.3 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | [N09]0.9 | 0.2 | [N09]0.9 | 0.3 |
| 13C3-PFBS (surr.) | 1 | % | 94 | 123 | 113 | 102 |
| 18O2-PFHxS (surr.) | 1 | % | 96 | 110 | 133 | 96 |
| 13C8-PFOS (surr.) | 1 | % | 96 | 108 | 133 | 104 |

| Client Sample ID | | | 0861_SD004_241108 | 0861_SD005_241108 | 0861_SD008_241106 | 0861_SD009_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050146 | B24-De0050147 | B24-De0050148 | B24-De0050149 |
| Date Sampled | | | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 47 | 20 | 81 | 11 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 33 | 124 | 50 | 106 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 39 | 74 | 60 | 87 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 30 | 124 | 50 | 106 |

| Client Sample ID | | | 0861_SD015_241107 | 0861_SD016_241105 | 0861_SD018_241106 | 0861_SD020_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050150 | B24-De0050151 | B24-De0050152 | B24-De0050153 |
| Date Sampled | | | Nov 07, 2024 | Nov 05, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 53 | 43 | 45 | 34 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 1.5 | 6.6 | 3.3 | 7.9 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 1.5 | 6.8 | 3.4 | 8.1 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 2.8 | 7.4 | 4.7 | 10.5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 0.1 | 5.5 | 2 | 6.9 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 2.8 | 7.4 | 4.3 | 9 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | [N09]< 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| D3-N-MeFOSA (surr.) | 1 | % | 94 | 88 | 85 | 118 |
| D5-N-EtFOSA (surr.) | 1 | % | 94 | 88 | 85 | 118 |
| D7-N-MeFOSE (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| D9-N-EtFOSE (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| D5-N-EtFOSAA (surr.) | 1 | % | [J-]2.0 | 41 | 19 | 43 |
| D3-N-MeFOSAA (surr.) | 1 | % | [J-]< 1 | 26 | [J-]4.0 | 48 |

| Client Sample ID | | | 0861_SD015_241107 | 0861_SD016_241105 | 0861_SD018_241106 | 0861_SD020_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050150 | B24-De0050151 | B24-De0050152 | B24-De0050153 |
| Date Sampled | | | Nov 07, 2024 | Nov 05, 2024 | Nov 06, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | < 0.1 | 0.1 | 0.3 | 0.2 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 1.1 | 0.5 | 0.6 | 0.5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | < 0.1 | [N09]0.2 | 0.1 | [N09]0.2 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | 0.7 |
| 13C4-PFBA (surr.) | 1 | % | 94 | 88 | 85 | 118 |
| 13C5-PFPeA (surr.) | 1 | % | 96 | 99 | 97 | 146 |
| 13C5-PFHxA (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| 13C4-PFHpA (surr.) | 1 | % | 48 | 68 | 66 | 130 |
| 13C8-PFOA (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| 13C5-PFNA (surr.) | 1 | % | [J-]< 1 | [J-]4.0 | [J-]3.0 | 138 |
| 13C6-PFDA (surr.) | 1 | % | 41 | 111 | 59 | 140 |
| 13C2-PFUnDA (surr.) | 1 | % | 29 | 101 | 47 | 132 |
| 13C2-PFDoDA (surr.) | 1 | % | [J-]8.0 | 75 | 21 | 110 |
| 13C2-PFTeDA (surr.) | 1 | % | 14 | 70 | 22 | 85 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | 0.2 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | [N09]0.3 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.2 | 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]1.4 | [N09]1.3 | [N09]1.4 | [N09]1.2 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | 0.1 | [N09]5.3 | [N09]1.9 | [N09]6.7 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | [N09]0.4 |
| 13C3-PFBS (surr.) | 1 | % | 23 | [J-]3.0 | 63 | 118 |
| 18O2-PFHxS (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| 13C8-PFOS (surr.) | 1 | % | 51 | 84 | 64 | 136 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 38 | 40 | 39 | 72 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 14 | 27 | 25 | 55 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 12 | 35 | 19 | 53 |
| 13C2-10:2 FTSA (surr.) | 1 | % | [J-]4.0 | 21 | [J-]7.0 | 35 |

| Client Sample ID | | | 0861_SD026_24 | 0861_SD028_241107 | 0861_SD034_241106 | 0861_SD036_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050154 | B24-De0050155 | B24-De0050156 | B24-De0050157 |
| Date Sampled | | | Nov 08, 2024 | Nov 07, 2024 | Nov 06, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 48 | 44 | 31 | 40 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 4.9 | 11.9 | 14.4 | 1.9 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 4.9 | 11.9 | 14.6 | 1.9 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 5.7 | 12.4 | 15.4 | 2.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 4.3 | 11 | 13.2 | 1.7 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 5.4 | 12.1 | 15.1 | 2.3 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 108 | 41 | 14 | 34 |
| D3-N-MeFOSA (surr.) | 1 | % | 84 | 38 | 11 | 21 |
| D5-N-EtFOSA (surr.) | 1 | % | 84 | 27 | 13 | 25 |
| D7-N-MeFOSE (surr.) | 1 | % | 108 | 32 | 17 | 29 |
| D9-N-EtFOSE (surr.) | 1 | % | 108 | 20 | [J-]9.0 | 14 |
| D5-N-EtFOSAA (surr.) | 1 | % | 48 | 58 | 19 | 54 |
| D3-N-MeFOSAA (surr.) | 1 | % | 45 | 61 | 19 | 74 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.1 | 0.1 | 0.1 | 0.2 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 0.4 | < 0.1 | [N09]0.3 | [N09]0.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | [N09]0.2 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 84 | 101 | 114 | 143 |
| 13C5-PFPeA (surr.) | 1 | % | 102 | 86 | 95 | 119 |
| 13C5-PFHxA (surr.) | 1 | % | 108 | 87 | 87 | 121 |
| 13C4-PFHpA (surr.) | 1 | % | 100 | 79 | 69 | 95 |
| 13C8-PFOA (surr.) | 1 | % | 108 | 69 | 67 | 87 |
| 13C5-PFNA (surr.) | 1 | % | 92 | 73 | 63 | 91 |
| 13C6-PFDA (surr.) | 1 | % | 113 | 86 | 63 | 96 |
| 13C2-PFUnDA (surr.) | 1 | % | 105 | 54 | 35 | 74 |
| 13C2-PFDoDA (surr.) | 1 | % | 77 | 49 | 20 | 40 |
| 13C2-PFTeDA (surr.) | 1 | % | 68 | 21 | [J-]7.0 | 12 |

| Client Sample ID | | | 0861_SD026_24 | 0861_SD028_241107 | 0861_SD034_241106 | 0861_SD036_241108 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050154 | B24-De0050155 | B24-De0050156 | B24-De0050157 |
| Date Sampled | | | Nov 08, 2024 | Nov 07, 2024 | Nov 06, 2024 | Nov 08, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | 0.1 | 0.1 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]0.6 | [N09]0.9 | [N09]1.4 | [N09]0.2 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]4.3 | [N09]11 | [N09]13 | [N09]1.7 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | [N09]0.3 | [N09]0.3 | < 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 91 | 73 | 90 | 103 |
| 18O2-PFHxS (surr.) | 1 | % | 108 | 95 | 101 | 121 |
| 13C8-PFOS (surr.) | 1 | % | 108 | 98 | 86 | 121 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 58 | 88 | 68 | 106 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 40 | 62 | 62 | 74 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 37 | 42 | 29 | 48 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 26 | 32 | 12 | 20 |

| Client Sample ID | | | 0861_SD038_241106 | 0861_SD094_241108 | 0861_SD098_24 | 0861_SD099_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050158 | B24-De0050159 | B24-De0050160 | B24-De0050161 |
| Date Sampled | | | Nov 06, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 66 | 32 | 40 | 29 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 32.9 | 8.1 | 4.9 | 2.2 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 33.4 | 8.2 | 5 | 2.2 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 49.4 | 8.7 | 6.5 | 2.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 29.5 | 7.6 | 4.5 | 1.9 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 38.4 | 8.7 | 6.5 | 2.3 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | [N09]0.8 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | 0861_SD038_241106 | 0861_SD094_241108 | 0861_SD098_24 | 0861_SD099_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050158 | B24-De0050159 | B24-De0050160 | B24-De0050161 |
| Date Sampled | | | Nov 06, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 121 | 51 | 96 | 109 |
| D3-N-MeFOSA (surr.) | 1 | % | 114 | 31 | 87 | 96 |
| D5-N-EtFOSA (surr.) | 1 | % | 114 | 46 | 75 | 96 |
| D7-N-MeFOSE (surr.) | 1 | % | 121 | 47 | 131 | 109 |
| D9-N-EtFOSE (surr.) | 1 | % | 121 | 22 | 75 | 109 |
| D5-N-EtFOSAA (surr.) | 1 | % | 77 | 76 | 122 | 18 |
| D3-N-MeFOSAA (surr.) | 1 | % | 84 | 95 | 128 | [J-]5.0 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 1.2 | 0.2 | 0.6 | < 0.1 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 2.2 | [N09]0.2 | [N09]0.5 | 0.1 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | [N09]0.5 | 0.1 | [N09]0.4 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.5 | 0.1 | 0.1 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | 0.5 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | 1.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | 1.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | 4.7 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 114 | 126 | 136 | 96 |
| 13C5-PFPeA (surr.) | 1 | % | 123 | 113 | 109 | 112 |
| 13C5-PFHxA (surr.) | 1 | % | 121 | 130 | 112 | 109 |
| 13C4-PFHpA (surr.) | 1 | % | 115 | 116 | 105 | 109 |
| 13C8-PFOA (surr.) | 1 | % | 121 | 112 | 120 | 109 |
| 13C5-PFNA (surr.) | 1 | % | 133 | 105 | 129 | 70 |
| 13C6-PFDA (surr.) | 1 | % | 132 | 124 | 134 | 107 |
| 13C2-PFUnDA (surr.) | 1 | % | 130 | 103 | 123 | 80 |
| 13C2-PFDoDA (surr.) | 1 | % | 77 | 80 | 108 | 69 |
| 13C2-PFTeDA (surr.) | 1 | % | 88 | 18 | 84 | 42 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | [N09]0.5 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | [N09]0.4 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]3.9 | [N09]0.6 | 0.5 | [N09]0.3 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | [N09]0.3 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]29 | [N09]7.5 | 4.4 | [N09]1.9 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | [N09]0.8 | < 0.1 | < 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 104 | 100 | 114 | 89 |
| 18O2-PFHxS (surr.) | 1 | % | 121 | 129 | 109 | 109 |
| 13C8-PFOS (surr.) | 1 | % | 121 | 114 | 124 | 109 |

| Client Sample ID | | | 0861_SD038_241106 | 0861_SD094_241108 | 0861_SD098_24 | 0861_SD099_241106 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050158 | B24-De0050159 | B24-De0050160 | B24-De0050161 |
| Date Sampled | | | Nov 06, 2024 | Nov 08, 2024 | Nov 08, 2024 | Nov 06, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | 0.7 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | 0.2 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | 0.4 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 68 | 114 | 77 | 50 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 50 | 103 | 136 | 31 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 45 | 60 | 96 | 33 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 37 | 20 | 136 | [J-]6.0 |

| Client Sample ID | | | 0861_SD100_241106 | 0861_SD025_241112 | 0861_SD039_241112 | 0861_SD043_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050162 | B24-De0050163 | B24-De0050164 | B24-De0050165 |
| Date Sampled | | | Nov 06, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 38 | 36 | 31 | 27 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 3.5 | 0.2 | < 0.1 | 0.5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 3.6 | 0.2 | < 0.1 | 0.5 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 4.4 | < 0.5 | < 0.5 | 0.5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 2.9 | 0.2 | < 0.1 | 0.5 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 4.1 | < 0.5 | < 0.5 | 0.5 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| D3-N-MeFOSA (surr.) | 1 | % | 98 | 112 | 101 | 95 |
| D5-N-EtFOSA (surr.) | 1 | % | 98 | 112 | 101 | 95 |
| D7-N-MeFOSE (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| D9-N-EtFOSE (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| D5-N-EtFOSAA (surr.) | 1 | % | 45 | 68 | 13 | 23 |
| D3-N-MeFOSAA (surr.) | 1 | % | 42 | 62 | 12 | 17 |

| Client Sample ID | | | 0861_SD100_241106 | 0861_SD025_241112 | 0861_SD039_241112 | 0861_SD043_241112 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050162 | B24-De0050163 | B24-De0050164 | B24-De0050165 |
| Date Sampled | | | Nov 06, 2024 | Nov 12, 2024 | Nov 12, 2024 | Nov 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 0.4 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 98 | 112 | 101 | 95 |
| 13C5-PFPeA (surr.) | 1 | % | 116 | 134 | 108 | 108 |
| 13C5-PFHxA (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| 13C4-PFHpA (surr.) | 1 | % | 111 | 109 | 89 | 96 |
| 13C8-PFOA (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| 13C5-PFNA (surr.) | 1 | % | 109 | 22 | 80 | 86 |
| 13C6-PFDA (surr.) | 1 | % | 122 | 146 | 64 | 89 |
| 13C2-PFUnDA (surr.) | 1 | % | 118 | 141 | 42 | 82 |
| 13C2-PFDoDA (surr.) | 1 | % | 91 | 87 | 28 | 63 |
| 13C2-PFTeDA (surr.) | 1 | % | 77 | 62 | 11 | 45 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]0.7 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]2.8 | 0.2 | < 0.1 | [N09]0.5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | [N09]0.2 | < 0.1 | < 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 100 | 40 | 75 | 87 |
| 18O2-PFHxS (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| 13C8-PFOS (surr.) | 1 | % | 117 | 112 | 79 | 102 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 55 | 66 | 53 | 48 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 39 | 42 | 35 | 43 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 39 | 40 | 19 | 29 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 27 | 33 | [J-]6.0 | 15 |

| Client Sample ID | | | 0861_SD045_241112 | 0861_SD047_241118 | 0861_SD052_241118 | 0861_SD088_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050166 | B24-De0050167 | B24-De0050168 | B24-De0050169 |
| Date Sampled | | | Nov 12, 2024 | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 28 | 47 | 42 | 36 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | 4.1 | 0.1 | 0.4 | < 0.1 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | 4.3 | 0.1 | 0.4 | < 0.1 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | 4.5 | < 0.5 | 0.8 | < 0.5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | 4 | 0.1 | 0.4 | < 0.1 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | 4.4 | < 0.5 | < 0.5 | < 0.5 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 72 | 109 | 39 | 121 |
| D3-N-MeFOSA (surr.) | 1 | % | 65 | 92 | 36 | 96 |
| D5-N-EtFOSA (surr.) | 1 | % | 86 | 92 | 30 | 96 |
| D7-N-MeFOSE (surr.) | 1 | % | 72 | 109 | 19 | 121 |
| D9-N-EtFOSE (surr.) | 1 | % | 54 | 109 | 10 | 121 |
| D5-N-EtFOSAA (surr.) | 1 | % | 39 | 64 | 57 | 64 |
| D3-N-MeFOSAA (surr.) | 1 | % | 36 | 62 | 29 | 53 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | [N09]0.2 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | [G01]< 0.5 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.2 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | [G01]< 0.5 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 103 | 92 | 116 | 96 |
| 13C5-PFPeA (surr.) | 1 | % | 87 | 108 | 80 | 121 |
| 13C5-PFHxA (surr.) | 1 | % | 89 | 109 | 67 | 121 |
| 13C4-PFHpA (surr.) | 1 | % | 93 | 110 | 54 | 118 |
| 13C8-PFOA (surr.) | 1 | % | 88 | 109 | 56 | 121 |
| 13C5-PFNA (surr.) | 1 | % | 92 | 85 | 42 | 91 |
| 13C6-PFDA (surr.) | 1 | % | 116 | 122 | 31 | 140 |
| 13C2-PFUnDA (surr.) | 1 | % | 120 | 116 | 20 | 139 |
| 13C2-PFDoDA (surr.) | 1 | % | 102 | 97 | 26 | 118 |
| 13C2-PFTeDA (surr.) | 1 | % | 65 | 90 | 13 | 116 |

| Client Sample ID | | | 0861_SD045_241112 | 0861_SD047_241118 | 0861_SD052_241118 | 0861_SD088_241118 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050166 | B24-De0050167 | B24-De0050168 | B24-De0050169 |
| Date Sampled | | | Nov 12, 2024 | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | [N09]0.3 | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | [N09]3.8 | 0.1 | 0.4 | < 0.1 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 101 | 91 | 115 | 90 |
| 18O2-PFHxS (surr.) | 1 | % | 112 | 109 | 103 | 121 |
| 13C8-PFOS (surr.) | 1 | % | 107 | 109 | 112 | 121 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 75 | 52 | 32 | 66 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 65 | 35 | 116 | 52 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 59 | 38 | 55 | 44 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 44 | 34 | 116 | 42 |

| Client Sample ID | | | 0861_SD089_241118 | 0861_SD090_241118 | 0861_SD091_241118 |
|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050170 | B24-De0050171 | B24-De0050172 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Sample Properties** | | | | | |
| % Moisture | 1 | % | 34 | 40 | 28 |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 |
| Sum of PFASs (n=30)* | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 |
| Sum of WA DWER PFAS (n=10)* | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | 0861_SD089_241118 | 0861_SD090_241118 | 0861_SD091_241118 |
|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050170 | B24-De0050171 | B24-De0050172 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| 13C8-FOSA (surr.) | 1 | % | 122 | 112 | 80 |
| D3-N-MeFOSA (surr.) | 1 | % | 108 | 101 | 74 |
| D5-N-EtFOSA (surr.) | 1 | % | 108 | 101 | 89 |
| D7-N-MeFOSE (surr.) | 1 | % | 122 | 112 | 70 |
| D9-N-EtFOSE (surr.) | 1 | % | 122 | 112 | 60 |
| D5-N-EtFOSAA (surr.) | 1 | % | 64 | 34 | 53 |
| D3-N-MeFOSAA (surr.) | 1 | % | 64 | 30 | 51 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 108 | 101 | 117 |
| 13C5-PFPeA (surr.) | 1 | % | 123 | 117 | 105 |
| 13C5-PFHxA (surr.) | 1 | % | 122 | 112 | 121 |
| 13C4-PFHpA (surr.) | 1 | % | 123 | 113 | 119 |
| 13C8-PFOA (surr.) | 1 | % | 122 | 112 | 108 |
| 13C5-PFNA (surr.) | 1 | % | 131 | 86 | 108 |
| 13C6-PFDA (surr.) | 1 | % | 115 | 108 | 137 |
| 13C2-PFUnDA (surr.) | 1 | % | 114 | 92 | 155 |
| 13C2-PFDoDA (surr.) | 1 | % | 87 | 62 | 116 |
| 13C2-PFTeDA (surr.) | 1 | % | 75 | 51 | 82 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | 0.1 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 102 | 104 | 97 |
| 18O2-PFHxS (surr.) | 1 | % | 122 | 112 | 120 |
| 13C8-PFOS (surr.) | 1 | % | 122 | 112 | 118 |

| Client Sample ID | | | 0861_SD089_241118 | 0861_SD090_241118 | 0861_SD091_241118 |
|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil |
| Eurofins Sample No. | | | B24-De0050170 | B24-De0050171 | B24-De0050172 |
| Date Sampled | | | Nov 18, 2024 | Nov 18, 2024 | Nov 18, 2024 |
| Test/Reference | LOR | Unit | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.5 | ug/kg | < 0.5 | < 0.5 | < 0.5 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.1 | ug/kg | < 0.1 | < 0.1 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 70 | 64 | 101 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 44 | 34 | 91 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 39 | 28 | 75 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 26 | 21 | 55 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| % Moisture | Brisbane | Dec 19, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) - Trace | | | |
| Perfluoroalkyl sulfonamido substances- Trace | Brisbane | Dec 23, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - low level | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) - Trace | Brisbane | Dec 23, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - low level | | | |
| Perfluoroalkyl sulfonic acids (PFSAs)- Trace | Brisbane | Dec 23, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - low level | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace | Brisbane | Dec 23, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - low level | | | |

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1173066
**Phone:** [redacted]
**Fax:**

**Received:** Dec 17, 2024 11:38 AM
**Due:** Jan 3, 2025
**Priority:** 10 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) - Trace |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | 0861_SD002_241031 | Oct 31, 2024 | | Soil | B24-De0050126 | X | X |
| 2 | 0861_SD003_241031 | Oct 31, 2024 | | Soil | B24-De0050127 | X | X |
| 3 | 0861_SD011_241031 | Oct 31, 2024 | | Soil | B24-De0050128 | X | X |
| 4 | 0861_SD021_241101 | Nov 01, 2024 | | Soil | B24-De0050129 | X | X |
| 5 | 0861_SD027_241028 | Oct 28, 2024 | | Soil | B24-De0050130 | X | X |
| 6 | 0861_SD030_241028 | Oct 28, 2024 | | Soil | B24-De0050131 | X | X |
| 7 | 0861_SD037_241031 | Oct 31, 2024 | | Soil | B24-De0050132 | X | X |
| 8 | 0861_SD048_241028 | Oct 28, 2024 | | Soil | B24-De0050133 | X | X |
| 9 | 0861_SD049_ | Nov 01, 2024 | | Soil | B24-De0050134 | X | X |

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
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**Received:** Dec 17, 2024 11:38 AM
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**Priority:** 10 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) - Trace |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| | 241101 | | | | | | |
| 10 | 0861_SD056_241028 | Oct 28, 2024 | | Soil | B24-De0050135 | X | X |
| 11 | 0861_SD059_241031 | Oct 31, 2024 | | Soil | B24-De0050136 | X | X |
| 12 | 0861_SD076_241028 | Oct 28, 2024 | | Soil | B24-De0050137 | X | X |
| 13 | 0861_SD041_241105 | Nov 05, 2024 | | Soil | B24-De0050138 | X | X |
| 14 | 0861_SD050_241104 | Nov 04, 2024 | | Soil | B24-De0050139 | X | X |
| 15 | 0861_SD051_241104 | Nov 04, 2024 | | Soil | B24-De0050140 | X | X |
| 16 | 0861_SD053_241105 | Nov 05, 2024 | | Soil | B24-De0050141 | X | X |
| 17 | 0861_SD064_241105 | Nov 05, 2024 | | Soil | B24-De0050142 | X | X |
| 18 | 0861_SD067_241105 | Nov 05, 2024 | | Soil | B24-De0050143 | X | X |
| 19 | 0861_SD079_ | Nov 05, 2024 | | Soil | B24-De0050144 | X | X |

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1173066
**Phone:** [redacted]
**Fax:**

**Received:** Dec 17, 2024 11:38 AM
**Due:** Jan 3, 2025
**Priority:** 10 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) - Trace |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 19 | 0861_SD079_241105 | Nov 05, 2024 | | Soil | B24-De0050144 | | |
| 20 | 0861_SD080_241105 | Nov 05, 2024 | | Soil | B24-De0050145 | X | X |
| 21 | 0861_SD004_241108 | Nov 08, 2024 | | Soil | B24-De0050146 | X | X |
| 22 | 0861_SD005_241108 | Nov 08, 2024 | | Soil | B24-De0050147 | X | X |
| 23 | 0861_SD008_241106 | Nov 06, 2024 | | Soil | B24-De0050148 | X | X |
| 24 | 0861_SD009_241108 | Nov 08, 2024 | | Soil | B24-De0050149 | X | X |
| 25 | 0861_SD015_241107 | Nov 07, 2024 | | Soil | B24-De0050150 | X | X |
| 26 | 0861_SD016_241105 | Nov 05, 2024 | | Soil | B24-De0050151 | X | X |
| 27 | 0861_SD018_241106 | Nov 06, 2024 | | Soil | B24-De0050152 | X | X |
| 28 | 0861_SD020_241106 | Nov 06, 2024 | | Soil | B24-De0050153 | X | X |

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Order No.:**
**Report #:** 1173066
**Phone:** [redacted]
**Fax:**

**Received:** Dec 17, 2024 11:38 AM
**Due:** Jan 3, 2025
**Priority:** 10 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) - Trace |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 29 | 0861_SD026_24 | Nov 08, 2024 | | Soil | B24-De0050154 | X | X |
| 30 | 0861_SD028_241107 | Nov 07, 2024 | | Soil | B24-De0050155 | X | X |
| 31 | 0861_SD034_241106 | Nov 06, 2024 | | Soil | B24-De0050156 | X | X |
| 32 | 0861_SD036_241108 | Nov 08, 2024 | | Soil | B24-De0050157 | X | X |
| 33 | 0861_SD038_241106 | Nov 06, 2024 | | Soil | B24-De0050158 | X | X |
| 34 | 0861_SD094_241108 | Nov 08, 2024 | | Soil | B24-De0050159 | X | X |
| 35 | 0861_SD098_24 | Nov 08, 2024 | | Soil | B24-De0050160 | X | X |
| 36 | 0861_SD099_241106 | Nov 06, 2024 | | Soil | B24-De0050161 | X | X |
| 37 | 0861_SD100_241106 | Nov 06, 2024 | | Soil | B24-De0050162 | X | X |
| 38 | 0861_SD025_241112 | Nov 12, 2024 | | Soil | B24-De0050163 | X | X |

[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1173066
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**Received:** Dec 17, 2024 11:38 AM
**Due:** Jan 3, 2025
**Priority:** 10 Day
**Contact Name:** [redacted]

**Project Name:** DoD AMBERLEY OMP 2024
**Project ID:** QLD_0861_PFASOMP_24

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Moisture Set | Per- and Polyfluoroalkyl Substances (PFASs) - Trace |
|---|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | X |
| 39 | 0861_SD039_241112 | Nov 12, 2024 | | Soil | B24-De0050164 | X | X |
| 40 | 0861_SD043_241112 | Nov 12, 2024 | | Soil | B24-De0050165 | X | X |
| 41 | 0861_SD045_241112 | Nov 12, 2024 | | Soil | B24-De0050166 | X | X |
| 42 | 0861_SD047_241118 | Nov 18, 2024 | | Soil | B24-De0050167 | X | X |
| 43 | 0861_SD052_241118 | Nov 18, 2024 | | Soil | B24-De0050168 | X | X |
| 44 | 0861_SD088_241118 | Nov 18, 2024 | | Soil | B24-De0050169 | X | X |
| 45 | 0861_SD089_241118 | Nov 18, 2024 | | Soil | B24-De0050170 | X | X |
| 46 | 0861_SD090_241118 | Nov 18, 2024 | | Soil | B24-De0050171 | X | X |
| 47 | 0861_SD091_241118 | Nov 18, 2024 | | Soil | B24-De0050172 | X | X |
| **Test Counts** | | | | | | 47 | 47 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 0.1 | | | 0.1 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 0.1 | | | 0.1 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 0.5 | | | 0.5 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 0.1 | | | 0.1 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 79 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 114 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 135 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 122 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 97 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 121 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 126 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 124 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 130 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 129 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 126 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 121 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 149 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 138 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 146 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 144 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 131 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 106 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 141 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 129 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 118 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 105 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 122 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 113 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 126 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 116 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 134 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 64 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 73 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 73 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 104 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 85 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 115 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 141 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 100 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 82 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 137 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 95 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 108 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 110 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 117 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 104 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 126 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 107 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 103 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 93 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 143 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 110 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 102 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 87 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 72 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 67 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 120 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 116 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 85 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 122 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 110 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 122 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 102 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 125 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 108 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 105 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 132 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 110 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 124 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 119 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 122 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 98 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 144 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 119 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 135 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 112 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 98 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 126 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 109 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 107 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 117 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 108 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 111 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 89 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 141 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050146 | CP | % | 63 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050146 | CP | % | 37 | | | 50-150 | Fail | Q08 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050146 | CP | % | 20 | | | 50-150 | Fail | Q08 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050146 | CP | % | 139 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050146 | CP | % | 54 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050146 | CP | % | 108 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050146 | CP | % | 134 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050146 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050146 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050146 | CP | % | 135 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050146 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050146 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050146 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050146 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050146 | CP | % | 134 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050146 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050146 | CP | % | 129 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050146 | CP | % | 111 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050146 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050146 | CP | % | 103 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050146 | CP | % | 143 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050146 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050146 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050146 | CP | % | 87 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050146 | CP | % | 57 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050146 | CP | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050146 | CP | % | 114 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050146 | CP | % | 113 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050146 | CP | % | 106 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050157 | CP | % | 78 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050157 | CP | % | 94 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050157 | CP | % | 85 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050157 | CP | % | 138 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050157 | CP | % | 67 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050157 | CP | % | 93 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050157 | CP | % | 98 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050157 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050157 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050157 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050157 | CP | % | 128 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050157 | CP | % | 112 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050157 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050157 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050157 | CP | % | 128 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050157 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050157 | CP | % | 132 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050157 | CP | % | 103 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050157 | CP | % | 90 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorononanesulfonic acid (PFNS) | B24-De0050157 | CP | % | 80 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050157 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050157 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050157 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050157 | CP | % | 123 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050157 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050157 | CP | % | 61 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050157 | CP | % | 97 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050157 | CP | % | 115 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050157 | CP | % | 90 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050157 | CP | % | 169 | | | 50-150 | Fail | Q08 |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050160 | CP | % | 52 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050160 | CP | % | 70 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050160 | CP | % | 70 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050160 | CP | % | 65 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050160 | CP | % | 70 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050160 | CP | % | 64 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050160 | CP | % | 68 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050160 | CP | % | 61 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050160 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050160 | CP | % | 81 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050160 | CP | % | 76 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050160 | CP | % | 71 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050160 | CP | % | 73 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050160 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050160 | CP | % | 71 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050160 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050160 | CP | % | 70 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050160 | CP | % | 95 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050160 | CP | % | 59 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050160 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050160 | CP | % | 66 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050160 | CP | % | 61 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050160 | CP | % | 62 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050160 | CP | % | 70 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050160 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050160 | CP | % | 69 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050160 | CP | % | 63 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050160 | CP | % | 72 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050160 | CP | % | 87 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050160 | CP | % | 60 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-De0050126 | CP | % | 40 | 42 | 5.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-De0050136 | CP | % | 65 | 62 | 6.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050142 | CP | ug/kg | 0.8 | 0.7 | 18 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050142 | CP | ug/kg | 0.9 | 0.7 | 18 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050142 | CP | ug/kg | 1.4 | 1.0 | 28 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050142 | CP | ug/kg | 0.3 | 0.2 | 12 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctanoic acid (PFOA) | B24-De0050142 | CP | ug/kg | 0.7 | 0.6 | 16 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050142 | CP | ug/kg | 0.2 | 0.2 | 25 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050142 | CP | ug/kg | 0.2 | 0.2 | 1.0 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050142 | CP | ug/kg | 0.1 | 0.1 | 4.0 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050142 | CP | ug/kg | 0.6 | 0.6 | 8.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050142 | CP | ug/kg | 1.0 | 1.1 | 16 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050142 | CP | ug/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050142 | CP | ug/kg | 0.6 | 0.5 | 17 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050142 | CP | ug/kg | 6.4 | 5.4 | 18 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050142 | CP | ug/kg | 0.8 | 0.6 | 26 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050142 | CP | ug/kg | 100 | 83 | 22 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050142 | CP | ug/kg | < 1 | < 1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050142 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050142 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050145 | CP | ug/kg | 5.1 | 3.9 | 27 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050145 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050145 | CP | ug/kg | 5.1 | 6.1 | 19 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050145 | CP | ug/kg | 11 | 13 | 18 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050145 | CP | ug/kg | 19 | 20 | 4.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050145 | CP | ug/kg | 8.0 | 9.5 | 18 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050145 | CP | ug/kg | 14 | 17 | 23 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050145 | CP | ug/kg | 7.9 | 7.7 | 3.0 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050145 | CP | ug/kg | 10 | 8.4 | 22 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050145 | CP | ug/kg | 8.4 | 6.3 | 28 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050145 | CP | ug/kg | 18 | 16 | 14 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050145 | CP | ug/kg | 20 | 16 | 26 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050145 | CP | ug/kg | 15 | 15 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050145 | CP | ug/kg | 5.5 | 4.3 | 24 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050145 | CP | ug/kg | 18 | 16 | 9.0 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050145 | CP | ug/kg | 750 | 710 | 5.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050145 | CP | ug/kg | 4.4 | 4.4 | 1.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050145 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050145 | CP | ug/kg | 1.4 | 1.2 | 17 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050145 | CP | ug/kg | 6.6 | 5.4 | 21 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050145 | CP | ug/kg | 0.4 | 0.3 | 22 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-De0050146 | CP | % | 35 | 34 | 2.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050148 | CP | ug/kg | < 0.5 | 0.6 | 20 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050148 | CP | ug/kg | 0.9 | 1.1 | 23 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050148 | CP | ug/kg | 1.1 | 1.2 | 2.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050148 | CP | ug/kg | 0.3 | 0.3 | 2.0 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050148 | CP | ug/kg | 0.4 | 0.4 | 6.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050148 | CP | ug/kg | 0.2 | 0.2 | 4.0 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050148 | CP | ug/kg | 0.3 | 0.3 | 10 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050148 | CP | ug/kg | 0.2 | 0.2 | 8.0 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050148 | CP | ug/kg | 0.3 | 0.3 | 2.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050148 | CP | ug/kg | 0.5 | 0.5 | 1.0 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050148 | CP | ug/kg | 0.4 | 0.3 | 20 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050148 | CP | ug/kg | 2.5 | 2.6 | 4.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050148 | CP | ug/kg | 0.2 | 0.2 | 3.0 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050148 | CP | ug/kg | 19 | 21 | 9.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050148 | CP | ug/kg | 0.9 | 1.0 | 7.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050148 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050148 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-De0050156 | CP | % | 31 | 29 | 5.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050157 | CP | ug/kg | 0.2 | 0.2 | 6.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050157 | CP | ug/kg | 0.2 | 0.2 | 12 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050157 | CP | ug/kg | 0.2 | 0.2 | 1.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050157 | CP | ug/kg | 1.7 | 1.7 | 1.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050157 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050157 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B24-De0050164 | CP | ug/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B24-De0050164 | CP | ug/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | B24-De0050166 | CP | % | 28 | 28 | 2.0 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| G01 | The LORs have been raised due to matrix interference |
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q08 | The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference. |
| Q15 | The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report. |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-Sample Properties

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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# Sampling Event Report, April 2025

## RAAF Base Amberley

## Department of Defence

**JBS&G 66133 | 167,946**

**3 September 2025**



**We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.**

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.



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# Abbreviations

| Term | Definition |
|---|---|
| AFFF | Aqueous Film Forming Foam |
| AHD | Australian Height Datum |
| ANZG | Australian and New Zealand Guidelines |
| ASC NEPM | Assessment Of Site Contamination National Environment Protection Measure 1999 (As Amended 2013) |
| BoM | Bureau of Meteorology |
| COC | Chain Of Custody |
| CPSA | Confirmed Primary Source Area |
| DCMM | Defence Contamination Management Manual |
| DETSI | Department of Environment, Tourism, Science and Innovation |
| Defence | Department Of Defence |
| DO | Dissolved Oxygen |
| DQIs | Data Quality Indicators |
| DQOs | Data Quality Objectives |
| EC | Electrical Conductivity |
| Eh / ORP | Oxidation Reduction Potential |
| FTA | Fire Training Area |
| HEPA | Heads Of Environmental Protection Agencies |
| IP | Interface Probe |
| JBS&G | JBS&G Australia Pty Ltd |
| LOR | Limit Of Reporting |
| NATA | National Association of Testing Authorities |
| NEMP | National Environmental Management Plan |
| NHMRC | National Health and Medical Research Council |
| OMP | Ongoing Monitoring Plan |
| OMR | Ongoing Monitoring Report |
| PFAS | Per- And Poly-Fluoroalkyl Substances |
| PFHxS | Perfluorohexane sulfonate |
| PFOA | Perflurooctanoic acid |
| PFOS | Perfluorooctane sulfonate |
| PMAP | PFAS Management Area Plan |
| QA/QC | Quality Assurance / Quality Control |
| QLD | Queensland |
| RAAF | Royal Australian Air Force |
| SAQP | Sampling and Analysis Quality Plan |
| SER | Sampling Event Report |
| SWL | Standing Water Level |
| UST | Underground Storage Tank |

# Per and Polyfluoroalkyl Substance (PFAS) Compounds and Chemical Abstract Service (CAS) Number

| PFAS Group | Compound | CAS No. |
|---|---|---|
| Perfluoroalkyl Sulfonic Acids | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 |
| | Perfluoropentane sulfonic acid (PFPeS) | 2706-91-4 |
| | Perfluorohexane sulfonate (PFHxS) | 355-46-4 |
| | Perfluoroheptane sulfonic acid (PFHpS) | 375-92-8 |
| | Perfluorooctane sulfonate (PFOS) | 1763-23-1 |
| | Perfluorodecane sulfonic acid (PFDS) | 335-77-3 |
| Perfluoroalkyl Carboxylic Acids | Perfluorobutanoic acid (PFBA) | 375-22-4 |
| | Perfluoropentanoic acid (PFPeA) | 2706-90-3 |
| | Perfluorohexanoic acid (PFHxA) | 307-24-4 |
| | Perfluoroheptanoic acid (PFHpA) | 375-85-9 |
| | Perfluorooctanoic acid (PFOA) | 335-67-1 |
| | Perfluorononanoic acid (PFNA) | 375-95-1 |
| | Perfluorodecanoic acid (PFDA) | 335-76-2 |
| | Perfluoroundecanoic acid (PFUnDA) | 2058-94-8 |
| | Perfluorododecanoic acid (PFDoDA) | 307-55-1 |
| | Perfluorotridecanoic acid (PFTrDA) | 72629-94-8 |
| | Perfluorotetradecanoic acid (PFTeDA) | 376-06-7 |
| Perfluoroalkyl Sulfonamides | Perfluorooctane sulphonamide (FOSA) | 754-91-6 |
| | N-Methyl perfluorooctane sulfonamide (MeFOSA) | 31506-32-8 |
| | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | 4151-50-2 |
| | N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE) | 2448-09-7 |
| | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | 1691-99-2 |
| | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | 2355-31-9 |
| | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | 2991-50-6 |
| (n:2) Fluorotelomer Sulfonic Acids | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 757124-72-4 |
| | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 27619-97-2 |
| | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 39108-34-4 |
| | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | 120226-60-0 |

# Units

| Abbreviation | Term | Abbreviation | Term |
|---|---|---|---|
| GWE | Groundwater Elevation | °C | Degrees Celsius |
| Kg | Kilogram | m AHD | Metres Australian Height Datum |
| km | Kilometre | m bTOC | Metres below Top of Casing |
| km2 | Kilometre squared | mg | Milligram |
| mV | Millivolt | mg/L | Milligram per litre |
| L | Litres | mbgl | Metres below ground level |
| m | Metre | µS/cm | Micro-Siemens per centimetre |
| mm | Millimetre | SWL | Standing Water Level |
| cm | Centimetre | µg | Microgram |
| Ha | Hectare | µg/L | Microgram per litre |

# 1. Introduction

## 1.1 Background

JBS&G Australia Pty Ltd (JBS&G) has been engaged by the Department of Defence (Defence) to act as the Lead Consultant for the implementation of the *Per- and Poly-fluoroalkyl Substances (PFAS) Management Area Plan* (the PMAP) (Defence, 2025a) for the Royal Australian Air Force (RAAF) Base in Amberley, Queensland (RAAF Base Amberley, Defence Property ID 0861, the Base). The location of the Base and Management Area have been illustrated on **Figure 1**. The Base has been further divided into 11 surface water catchment areas, with discharge points for the on Base drainage system to Bremer River and Warrill Creek illustrated on **Figure 2**.

An important requirement of the PMAP is to undertake ongoing monitoring of PFAS in the environment and to assess for changes in risks to human and ecological receptors from PFAS originating from the Base. The Ongoing Monitoring Plan (OMP) (Defence, 2025b) sets out the requirements for collection of adequate data to assess changes in the nature and extent of contamination across the Management Area. The information collected may be used to inform where new risk management actions may be required, or to support a determination that remediation has been completed so far as reasonably practicable (SFARP). An Ongoing Monitoring Report (OMR) is prepared following each 12-month monitoring period and presents an interpretation of data collected as part of the OMP.

This Sampling Event Report (SER) has been prepared in accordance with the Defence (2024) *Ongoing Monitoring Program Reporting Guidance*.

## 1.2 Objective

The objective of this SER is to document the observations, information and data collected in accordance with the OMP during the April 2025 monitoring event.

## 1.3 Scope

The April / May 2025 sampling event was completed in general accordance with the Sampling and Analysis Quality Plan (JBS&G, 2025)[1] (the SAQP). The scope of work comprised:

- Liaison with Base management and landowners to obtain access to the OMP sampling locations.
- Completion of the groundwater sampling program (45 wells).
- Completion of the surface water sampling program (57 locations).
- Collection of quality control samples at a rate of 1 in 10 primary samples for both intra- and inter-laboratory, as well as one field blank per day and one rinsate per day (where non-disposable sampling equipment was used), and one trip blank per media, per laboratory batch.
- Analysis of samples for the PFAS suite at standard LOR (limit of reporting).
- Data management of all OMP data in the Defence Esdat database.
- Preparation of result letters for off-Base stakeholders.
- Preparation of this SER.

[1] JBS&G (2025). RAAF Base Amberley Ongoing Monitoring Plan (OMP), Sampling and Analysis Quality Plan (SAQP). May 2025

# 2. Summary of Sampling and Analysis

## 2.1 Sampling and Analysis Quality Plan

The April / May 2025 sampling event was completed in general accordance with the SAQP, with deviation from the SAQP presented in **Section 2.2**. The SAQP presents the data quality objectives, data quality indicators and sample methodologies.

The OMP sample locations for groundwater and surface water have been shown on **Figure 3** and **Figure 4**, respectively.

## 2.2 Deviations From SAQP

Deviations from the SAQP have been presented in the table below. The deviations are not considered to significantly impact the objectives of the OMP program.

**Table 2-1: Deviations from SAQP**

| Location(s) | Deviation | Comment | Impact to OMP |
|---|---|---|---|
| Surface water monitoring locations SW038, SW657, SW659, SW660, SW662 | Not sampled | Sample locations were recorded as being dry at the time of monitoring. | Not significant – sample locations were located on-Base where the presence of surface water within drainage features is intermittent. The potential for significant PFAS migration from Base is assessed via sample locations within Bremer River and Warrill Creek. |
| Surface water monitoring location SW570 | Additional location | Additional surface water sample collected from onsite drain nearby SW038. | Not significant – sample SW570 collected from on-Base drain within Catchment 9 in lieu of SW038, which was dry at the time of sampling. |
| Groundwater monitoring wells MW006, MW007, MW023 | HydraSleeve™ sampled prior to 24-hour residence time | These sample locations are within the airside area. Due to access constraints, the HydraSleeve™ residence time was shortened to 5 hours. | Not significant – Deployment targeted high conductivity screen intervals to compensate for the reduced residence time. In addition, there is extensive historical data available to assess whether PFAS concentrations are consistent with what may reasonably be expected. |

## 2.3 Groundwater Sampling Program

### 2.3.1 Groundwater Monitoring Locations

The following table presents the OMP groundwater monitoring network across the Management Area, including a description of proximity to potential PFAS sources referred to as Confirmed Primary Source Areas (CPSAs) detailed in the PMAP.

**Table 2-2: OMP Groundwater Monitoring Network**

| Approximate Target Source Area | Monitoring Well ID | Screened Aquifer |
|---|---|---|
| Major - CPSA A<br>Former Topside Aviation FTA and current FTA Fire Pad | MW002 | Walloon Coal Measures |
| | MW033 | Walloon Coal Measures |
| | MW535 | Alluvium |
| | MW536 | Alluvium |
| | MW539 | Alluvium |

| Approximate Target Source Area | Monitoring Well ID | Screened Aquifer |
|---|---|---|
| Major - CPSA B<br>Hangar 410 and Former Landfill | MW047 | Tertiary Formation |
| Major - CPSA C<br>Frogs Hollow Former Fire Training School Location | MW037 | Alluvium |
| Major - CPSA D<br>Sewage Treatment Plant | MW021 | Alluvium |
| | MW032 | Alluvium |
| Moderate - CPSA E<br>Historical Containment Pond | MW048 | Alluvium |
| Major - CPSA G<br>Former FTA and Operational Testing Area | MW050 | Alluvium |
| Major - CPSA J<br>Former FTA and Operational Testing Area | MW005 | Alluvium |
| Major - CPSA M<br>Former Fuel Farm 1 and Triple Interceptor Pit and Major - CPSA N<br>Fire Station | MW006 | Alluvium |
| | MW023 | Alluvium |
| | MW028 | Alluvium |
| | MW029 | Alluvium |
| | MW036 | Alluvium |
| | MW309 | Tertiary Formation |
| Insignificant - CPSA P<br>Potential location of 1978 Skyhawk incident | MW538 | Alluvium |
| Minor - CPSA V<br>AFFF Wastewater Holding Tank | MW046 | Tertiary Formation |
| Major - CPSA W<br>Fire Fighting Training School | MW026 | Tertiary Formation |
| | MW030 | Walloon Coal Measures |
| | MW031 | Tertiary Formation |
| | MW042 | Walloon Coal Measures |
| | MW043 | Walloon Coal Measures |
| Major - CPSA X<br>Former Structural and Open Pit FTA | MW041 | Walloon Coal Measures |
| Major - CPSA Y<br>Former Secondary FTA | MW537 | Tertiary Formation |
| Minor - CPSA Z<br>Fuel underground storage tank (UST) with AFFF listing | MW020 | Tertiary Formation |
| Moderate - CPSA AA<br>Triple Interceptor Pits at Engine Test Cell Facilities 1 and 2 | MW007 | Alluvium |
| Minor - CPSA BB<br>Areas used for irrigation- former grassed runways | MW012 | Tertiary Formation |
| Moderate – CPSA CC<br>Former Landfill | MW022 | Alluvium |

| Approximate Target Source Area | Monitoring Well ID | Screened Aquifer |
|---|---|---|
| Major - CPSA DD<br>HS748 Former FTA on Disused Runway | MW049 | Alluvium |
| Off-Base Warrill Creek.<br>These locations are down-gradient of multiple source areas. | MW054S | Alluvium |
| | MW054D | Walloon Coal Measures |
| | MW057S | Alluvium |
| | MW057I | Tertiary Formation |
| On-Base Bremer River.<br>These locations are down-gradient of multiple source areas. | MW024 | Alluvium |
| | MW025 | Alluvium |
| | MW034 | Alluvium |
| | MW035 | Alluvium |
| | MW044 | Alluvium |
| | MW055S | Alluvium |
| | MW055D | Walloon Coal Measures |
| Off-Base Bremer River.<br>These locations are down-gradient of multiple source areas | MW056S | Alluvium |
| | MW056I | Tertiary Formation |

**Notes:** * Indicates location was not assessed or sampled.
Suffix 'S', 'D' or 'I' represents the following S= Shallow I= Intermediate and D= Deep

### 2.3.2 Groundwater Sampling Methodology

The groundwater sampling methodology is presented in **Table 2-3** below.

**Table 2-3: Groundwater Sampling Methodology**

| Aspect | Detail |
|---|---|
| Monitoring Period | Groundwater sampling was completed between 28 April 2025 and 8 May 2025. Groundwater gauging was completed between the 14 April 2025 and 7 May 2025. |
| Groundwater Gauging | Standing water levels (SWLs) were measured in each monitoring well using an interface probe (IP) prior to the installation of HydraSleeves™. Gauging was conducted in as short a time as possible; however, due to the number of wells and different requirements for accessing the monitoring well locations, the gauging took place over varying periods of time based on access, with the majority undertaken between the 14 and 16 April (38 wells) and the remainder between the 28 April and 7 May (7 wells). |
| HydraSleeve™ Deployment | The HydraSleeves™ were installed within the screened interval of each well (based on a review of the well construction log) for a minimum of 24 hours prior to the sampling round. Once sampling was completed, new HydraSleeves™ were deployed at the screened interval depth in 21 of the monitoring wells in preparation for the next sampling round. HydraSleeves™ were not installed in 24 monitoring wells as they are regularly monitored by other programs. |
| Sample Retrieval | Groundwater samples were collected from the monitoring wells via a continuous pull method, enabling water to pass through the HydraSleeves™ check valve. Samples were collected immediately via the dedicated discharge tube (to minimise changes to chemistry).<br>During sampling, features such as discolouration, staining, odours and other indications of contamination were noted. |

| Aspect | Detail |
|---|---|
| Field Parameters | Groundwater field parameters were obtained ex-situ, using water remaining in the HydraSleeves™ following sampling. Field measurements recorded comprised the following:<br>• Temperature.<br>• Electrical conductivity (EC).<br>• Dissolved oxygen (DO).<br>• Oxidation-reduction potential (ORP).<br>• pH. |
| Decontamination | Dedicated HydraSleeves™ were used at each groundwater monitoring well location. All reusable monitoring equipment (i.e. IP) was cleaned using PFAS-free detergent and PFAS-free deionised water supplied by the analytical laboratory. |
| Sample Identification, Preservation and Transportation | Each sample was labelled with project identification number, date, initials of sampler and sample location. Labelling was completed in accordance with Annex L of the DCMM (Defence 2021).<br>Samples were collected into laboratory supplied sample containers (Teflon-free) and immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| QA/QC | Groundwater quality control samples were collected as follows, and analysed for the full PFAS analytical suite:<br>• Field duplicate (intra-laboratory) samples at 1 per 10 primary samples.<br>• Field triplicate (inter-laboratory) samples at 1 per 10 primary samples.<br>• Rinsate blank samples as one per day, collected from reusable equipment (interface probe).<br>• Field blank samples collected at a rate of one per day (groundwater and surface water).<br>• Trip blank samples submitted at a rate of one per laboratory batch (groundwater and surface water).<br>All field instruments (e.g. interface probes, water quality meters) were calibrated by the equipment supplier. Calibration checks were completed daily by field personnel prior to use during the monitoring event. Calibration certificates and bump test results are provided in **Appendix E**. |

### 2.3.3 Groundwater Analysis

Groundwater samples were submitted to the following National Association of Testing Authorities (NATA) accredited laboratories for analysis in accordance with the analytical schedule included in **Table 2-4**:

- Eurofins Brisbane (NATA Accreditation Number 1261).
- Envirolab (NATA Accreditation Number 290).

**Table 2-4: Groundwater Analytical Schedule**

| No. Primary Samples | Parameter | Method | LOR* |
|---|---|---|---|
| 45 | Extended PFAS Suite | LC/MS-MS | 0.01 – 0.1 µg/L |

**Note:** LC/MS-MS: Liquid chromatography–mass spectrometry
* LOR for Eurofins Brisbane

## 2.4 Surface Water Sampling Program

### 2.4.1 Surface Water Monitoring Locations

The following table presents the OMP surface water monitoring locations across the Management Area, including a description of location from which the body of water was sampled.

**Table 2-5: OMP Surface Water Monitoring Locations**

| Location | Surface Water Monitoring Locations |
|---|---|
| On-Base Drains | SW002, SW003, SW008, SW011, SW021, SW027, SW028, SW030, SW033, SW037, SW038*, SW041, SW048, SW049, SW053, SW056, SW059, SW064, SW067, SW076, SW079, SW080, SW530, SW570, SW658, SW661, SW662* |
| Warrill Creek | SW004, SW005, SW009, SW015, SW016, SW018, SW020, SW022, SW023, SW026, SW032, SW034, SW043, SW099, SW100, SW657*, SW659*, SW660* |
| Bremer River | SW025, SW036, SW039, SW040, SW045, SW047, SW050, SW051, SW052, SW088, SW089, SW090, SW091, SW094, SW096, SW098, SW656 |

**Note:** * Indicates location was not assessed or sampled as they were dry at the time of sampling.

### 2.4.2 Surface Water Sampling Methodology

The surface water sampling methodology is presented in **Table 2-6** below.

**Table 2-6: Surface Water Sampling Methodology**

| Aspect | Detail |
|---|---|
| Monitoring Period | Surface water monitoring was completed between 28 April 2025 and 7 May 2025. |
| Sampling Methodology | Surface water samples were collected directly into the laboratory supplied sample container. At each sample location a new sample container was lowered into the water at least 10cm below the surface (where possible), with the opening facing down to avoid collection of surface films. The cap was applied immediately once the sample container was full.<br><br>Where surface water was difficult to access, the sample container was attached to the telescopic pole, which was lowered into the water body. The telescopic pole was attached so that it was not in direct contact with the opening of the sample container.<br><br>During sampling, features such as discolouration, staining, odours and other indications of contamination were noted.<br><br>Once collected, samples were immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| Field Parameters | Surface water field parameters were obtained in-situ at the time of sampling. Field measurements recorded comprised: Temperature, EC, DO, ORP and pH.<br><br>Field observations such as colour, turbidity, presence of suspended solids and odours, sheen, oily film, nuisance organisms, floating debris or froth were documented on field sampling sheets. The condition of the water body, including its type (lake, stream etc.) and channel width, were also be recorded where applicable. |
| Decontamination | All reusable monitoring equipment (i.e. telescopic pole) was cleaned using PFAS-free detergent and PFAS-free deionised water supplied by the analytical laboratory. |

| Aspect | Detail |
|---|---|
| Sample Identification, Preservation and Transportation | Each sample was labelled with project identification number, date, samplers initial and sample location. Labelling was completed in accordance with Annex L of the DCMM (Defence 2021).<br><br>Samples were collected into laboratory supplied sample containers (Teflon-free) and immediately transferred to a chilled ice chest for transport to the testing laboratory under chain of custody documentation. |
| QA/QC | Surface water quality control samples were collected as follows, and analysed for the full PFAS analytical suite:<br>• Field duplicate (intra-laboratory) samples at 1 per 10 primary samples.<br>• Field triplicate (inter-laboratory) samples at 1 per 10 primary samples.<br>• Rinsate blank samples as one per day, collected from reusable equipment (telescopic pole).<br>• Field blank samples collected at a rate of one per day (groundwater and surface water).<br>• Trip blank samples submitted at a rate of one per laboratory batch (groundwater and surface water).<br>All field instruments (e.g. water quality meters) were calibrated by the equipment supplier. Calibration checks were completed daily by field personnel prior to use during the monitoring event. Calibration certificates and bump test results are provided in **Appendix E**. |

### 2.4.3 Surface Water Analysis

Surface water samples were submitted to the following National Association of Testing Authorities (NATA) accredited laboratories for analysis in accordance with the analytical schedule included in **Table 2-7**:

- Eurofins Brisbane (NATA Accreditation Number 1261).
- Envirolab (NATA Accreditation Number 290).

**Table 2-7: Surface Water Analytical Schedule**

| No. Primary Samples | Parameter | Method | LOR* |
|---|---|---|---|
| 57 | Extended PFAS Suite | LC/MS-MS | 0.01 – 0.1 µg/L |

**Note:** LC/MS-MS: Liquid chromatography–mass spectrometry
* LOR for Eurofins Brisbane

# 3. PFAS Screening Criteria

Assessment criteria adopted for groundwater and surface water are summarised in **Table 3-1** below. The assessment criteria were adopted in consideration of the following guidance:

- HEPA, (2025). PFAS National Environmental Management Plan Version 3.0. Heads of EPA Australia and New Zealand, Commonwealth of Australia, Canberra.
- NHMRC, (2025). *Australian Drinking Water Guidelines Paper 6 National Water Quality Management Strategy*. National Health and Medical Research Council, National Resource Management Ministerial Council, Commonwealth of Australia, Canberra (as updated June 2025).

The adopted assessment criteria are in accordance with the PFAS screening criteria nominated in the PMAP (Defence, 2025a). It is noted that National Health and Medical Research Council (NHMRC) revised the drinking water guidelines for PFAS in June 2025, including a) not treating PFOS and PFHxS as a group, and b) providing a guideline for PFBS.

Notwithstanding, the PFOS limit of reporting adopted by the OMP is not low enough to allow comparison with the lower guideline value. It is recommended future samples collected are tested at a lower limit of reporting (LOR) to ensure comparison.

**Table 3-1: Groundwater and Surface Water Assessment Criteria**

| Exposure Scenario | | Adopted Assessment Criteria (µg/L) | | | | | Guidance |
|---|---|---|---|---|---|---|---|
| | | PFHxS | PFOS | Sum of PFHxS and PFOS | PFOA | PFBS | |
| **Human Health Receptors** | | | | | | | |
| Drinking Water | | 0.03 | 0.008 | | 0.2 | 1 | NHMRC (2025) |
| Recreational Use | | | | 2 | 10 | | HEPA (2025)[1] |
| **Ecological Receptors** | | | | | | | |
| Groundwater and Surface Water | Freshwater (95 % species protection) | | 0.13 | | 220 | | HEPA (2025) |
| Groundwater and Surface Water | Freshwater (99% species protection) | | 0.00023 | | 19 | | HEPA (2025) |

Notes:
1. Based on NHMRC, (2019). *Guidance on PFAS in Recreational Water*. National Health and Medical Research Council (NHMRC), National Resource Management Ministerial Council, Commonwealth of Australia, Canberra.

# 4. Quality Assurance and Quality Control

## 4.1 Data Reliability Process

An assessment of data reliability is critical to inform the use and interpretation of the data collected as part of the OMP. Data Quality Indicators (DQIs) are presented within the SAQP and include assessment of the following:

- Documentation and data completeness; and

- Data Quality – comparability, representativeness, precision, and accuracy of the analytical data.

The project target for data reliability is 95% compliance with the DQIs.

## 4.2 Data Reliability Summary

A data validation assessment is provided in **Appendix D** and has concluded that there are no significant errors associated with the data collected and laboratory analysis of the samples. On this basis, the analytical results reported are representative of Base conditions and the data set is adequately reliable for the objective of this SER.

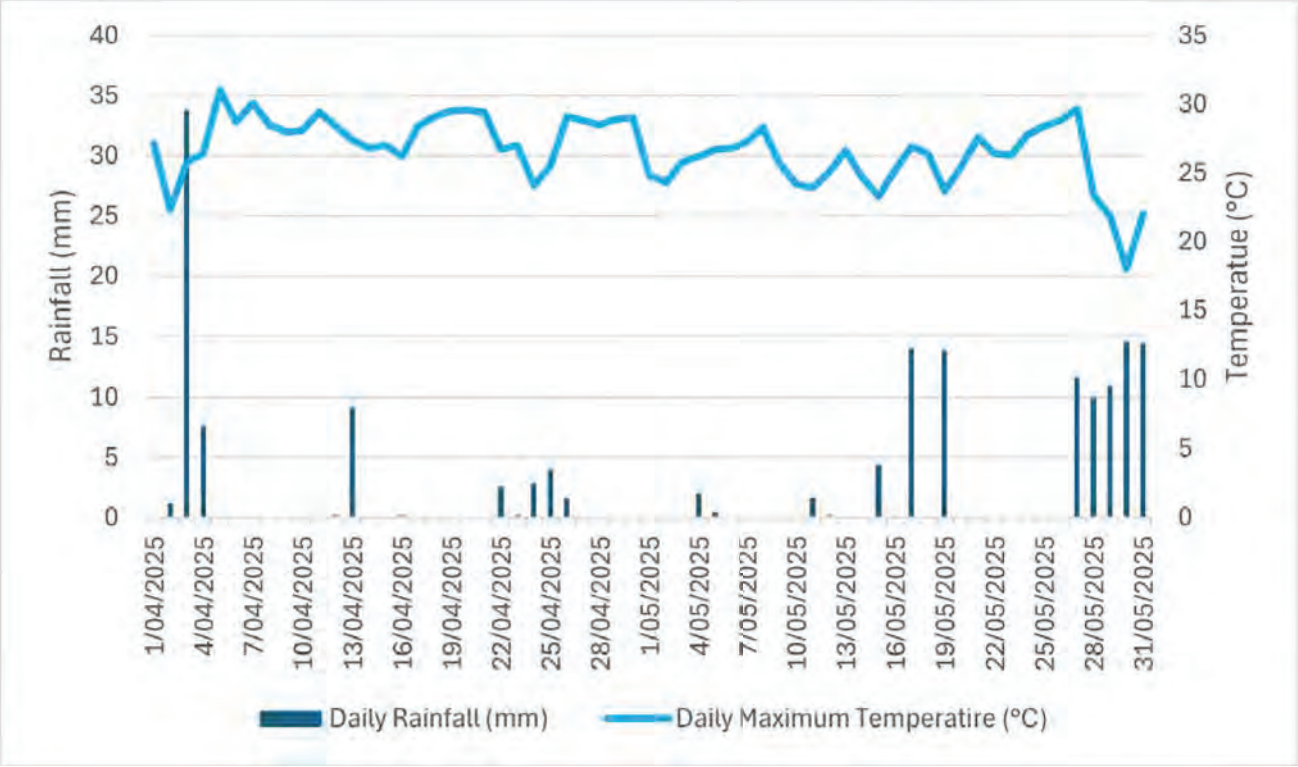
All data collected during this event has been reviewed and uploaded to the Defence ESdat database in accordance with Annex L of the DCMM (Defence, 2021).

# 5. Field Observations and Results

## 5.1 Weather Conditions

Rainfall measurements were obtained from the Bureau of Meteorology (BoM), Amberley Atlantic Multidecadal Oscillation (AMO) weather station (Station Number 040004). During the April/May 2025 sampling event a total of 2.4 mm of rain was recorded. The monthly rainfall for April 2025 (63.4 mm) was above the historical mean of 53.5 mm (1941 to 2025), with the monthly rainfall for May 2025 (97.7 mm) also above the historical mean of 54.6 mm.

A summary of weather conditions encountered has been illustrated in **Graph 1**.




**Graph 1: April / May 2025 Monitoring Period Weather Conditions (BoM, Amberley AMO Station 040004)**

## 5.2 Groundwater

### 5.2.1 Groundwater Monitoring Well Access

The groundwater monitoring well network was accessible during the sampling event and no issues with groundwater monitoring well integrity were identified, except for the following:

- Groundwater monitoring well MW309, previously inaccessible due to a damaged gatic lid, was repaired during the current sampling event and was successfully sampled.
- Two groundwater monitoring well gatic lids were identified as rusted (MW005 and MW023); however, these monitoring wells were able to be successfully sampled.
- Five groundwater monitoring well monuments were identified as damaged, with four reported to be de-stabilised (i.e. rocking) (MW006, MW023, MW035 and MW037), whilst one monument was recorded as being on an angle (MW034). However, all monitoring wells were able to be successfully sampled.

### 5.2.2 Groundwater Elevation and Flow Direction

Standing Water Levels (SWLs) are measured in terms of metres below top of casing (mBTOC) and then converted into a relative level (RL) to determine the inferred groundwater flow direction. Groundwater elevations in the Alluvium/Tertiary Formation ranged between 10.212 and 29.174 metres Australian height datum (mAHD). The groundwater flow direction was inferred to be from the topographical high in the western portion of the Base (where the Tertiary Formation is the upper aquifer material) to the lower areas in the northeast, east and southeast (where the Alluvium forms the upper portion of the aquifer).

Groundwater elevations in the Walloon Coal Measures ranged between 14.755 and 37.732 mAHD. The Walloon Coal Measures represent a highly complex system characterised by high (fractures and bedding planes) and low (rock mass) hydraulic conductivity zones. The system is recharged by leakage from upper formations with the potential for direct recharge via rock outcropping. The complexity of the system is reflected in the significant variability of groundwater elevations recorded within the limited number of monitoring wells screened within the Walloon Coal Measures. On this basis, the preparation of groundwater contours is not considered to be justified.

The groundwater gauging data recorded has been presented in **Table B-1**, in **Appendix B**. Groundwater contours for the Alluvium / Tertiary Formation and groundwater elevations for the Walloon Coal Measures have been provided as **Figure 5** and **Figure 6**.

### 5.2.3 Groundwater Field Parameters and Observations

Groundwater field parameters are presented in **Table B-2**, in **Appendix B**. The field parameters were recorded ex-situ with remaining groundwater from the HydraSleeve™ following sampling. A summary of the field parameters has been presented in **Table 5-1**.

The following presented a summary of observations recorded during sampling:

- A sulfuric odour was recorded from eight groundwater monitoring well locations (MW026, MW033, MW037, MW048, MW049, MW054D, MW054S, and MW537).
- A sour odour was recorded from two groundwater monitoring well locations (MW056I and MW056S).
- A solvent odour was recorded from two groundwater monitoring well location (MW042 and MW047).
- An organic odour was recorded from three groundwater monitoring well locations (MW043, MW057I, and MW057S).
- No other visible or olfactory indications of contamination were observed during the sampling of the other monitoring wells.

**Table 5-1: Groundwater Field Parameters Summary**

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| Alluvium | DO (mg/L)[1] | 1.35 | 7.41 | Aerobic conditions |
| | EC (µs/cm) | 280.6 | 8,012 | Fresh to saline |
| | Eh (mV) | 101 | 533.1 | Mildly to moderately oxidising |
| | Temperature (°C) | 20.3 | 24.6 | - |
| | pH | 6.49 | 7.9 | Approximately neutral |
| | DO (mg/L)[1] | 0.92 | 7.19 | Anaerobic to aerobic conditions |

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| Tertiary Formation | EC (µs/cm) | 153.3 | 25528 | Fresh to saline |
| | Eh (mV) | 109.3 | 691.2 | Mildly to moderately oxidising |
| | Temperature (°C) | 21.2 | 24.9 | - |
| | pH | 6.45 | 7.2 | Acidic to alkaline |
| Walloon Coal Measures | DO (mg/L)[1] | 1.29 | 7.94 | Aerobic conditions |
| | EC (µs/cm) | 142.6 | 12,581 | Fresh to saline |
| | Eh (mV) | 115.3 | 293.6 | Moderately oxidising |
| | Temperature (°C) | 20.9 | 24.2 | - |
| | pH | 6.31 | 7.53 | Acidic to alkaline |

[1] It is noted that due to the nature of sampling with a HydraSleeve™ which requires the sample be decanted prior to recording of field parameters, groundwater field DO readings above 6 mg/L have the potential to be erroneous.

### 5.2.4 Groundwater Analytical Results

The groundwater analytical results have been compared against the adopted screening criteria and are presented in **Table C-1**, **Appendix C**. Where a duplicate reported a higher concentration than the primary sample, the higher concentration was adopted. Concentrations of PFBS, PFHxS, PFOS and PFOA have been shown on **Figure 7** to **Figure 14**. Based on review of analytical results:

- Concentrations of PFBS in six out of 45 samples exceeded drinking water criteria.
- Concentration of PFHxS in 30 out of 45 samples exceeded drinking water criteria.
- Concentrations of PFOS in 17 out of 45 samples exceeded freshwater (95 % species protection) criteria, with 32 out of 45 samples exceeding the freshwater (99 % species protection) criteria and drinking water criteria.
- Concentration of PFOA in nine out of 45 samples exceeding drinking water criteria.

### 5.2.5 OMP Triggers

The following **Table 5-2** summarises the analytical results reported for April and May 2025, with reference to specific OMP triggers outlined in the SAQP. It should be noted that certain OMP triggers have been excluded, as they are assessed separately in the OMR through a detailed interpretation of the analytical results. These triggers include:

- Complete source pathway and receptor linkage identified based on Water Use Survey /change in land use.
- Statistically significant increasing trends for Sum of PFAS (assessed using statistical analysis such as Mann Kendall trend assessment).
- Statistically significant decreasing trends for Sum of PFAS trends (assessed using statistical analysis such as Mann Kendall trend assessment).
- No triggers or acceptable levels are exceeded.
- Change in Commonwealth tolerable daily intake recommendations and/or tier 1 screening criteria.

The groundwater data has been presented with the available historical data in **Table C-3**, **Appendix C**.

**Table 5-2: OMP Triggers - Groundwater**

| Trigger | PFBS | PFHxS | PFOS | PFOA | Comment |
|---|---|---|---|---|---|
| First-time Detection in groundwater | **Off-Base:** MW054D | **Off-Base:** MW056S | **On-Base:** MW535 | **Off-Base:** MW054D | Re-analysis of samples not able to be completed due to disposal of samples by laboratory. No change to risk profile identified for on-Base receptors and off-Base receptors:<br>• No current potable use of Groundwater on-Base.<br>• No current potable use of Groundwater off-Base.<br>• Consumption of home eggs, home-slaughtered Beef meat and offal is not recommended where groundwater is used for irrigation. |
| First time exceedance of human health drinking water guidelines in groundwater | None | None | None | None | |
| New maximum concentration in groundwater which is less than an order of magnitude greater than the previous maximum. | **On-Base:** MW005, MW023, MW025, MW030, MW047, MW536, MW539 | **On-Base:** MW005, MW023, MW024, MW030, MW047, MW539 | **On-Base:** MW030, MW032, MW047 | **On-Base:** MW030, MW041, MW539 | Re-analysis of samples not able to be completed due to disposal of samples by laboratory. Review of concentration trends to be completed as part of the OMR. No change to risk profile for on-Base receptors as groundwater is not abstracted on-Base for drinking water purposes. |

| Trigger | PFBS | PFHxS | PFOS | PFOA | Comment |
|---|---|---|---|---|---|
| New maximum concentration in groundwater which is greater than an order of magnitude than the previous maximum. | **Off-Base:** MW054D | **Off-Base:** MW054D, MW056S | **On-Base:** MW535 | **Off-Base:** MW054D | Re-analysis of samples not able to be completed due to disposal of samples by laboratory. Review of concentration trends to be completed as part of the OMR. No change to risk profile identified for on-Base receptors and off-Base receptors:<br>• No current potable use of Groundwater on-Base.<br>• No current potable use of Groundwater off-Base.<br>Consumption of home eggs, home-slaughtered Beef meat and offal is not recommended where groundwater is used for irrigation. |
| New minimum concentration in groundwater | **On-Base:** MW021, MW022, MW046, MW537 | **On-Base:** MW021, MW022, MW041, MW046, MW538 | **On-Base:** MW007, MW021, MW022, MW046 | **On-Base:** MW021, MW022, MW046 | Concentration trends to be reviewed within the OMR and consideration to be given to the requirements for ongoing monitoring. |

## 5.3 Surface Water

### 5.3.1 Surface Water Monitoring Access

The surface water monitoring locations were generally accessible during the sampling event. However, a total of five locations were found to be dry at the time of sampling (SW038, SW657, SW659, SW660, and SW662).

### 5.3.2 Surface Water Field Parameters and Observations

The field parameters were recorded in-situ at the time of sampling. The surface water field parameters are presented in **Table B-3**, in **Appendix B**, with a summary of the field parameters presented in **Table 5-3** below.

The following presents a summary of observations recorded during sampling:

- An organic odour was recorded at one monitoring location (SW045).
- No other visible or olfactory indications of contamination were observed during the sampling of the other surface water sampling locations.

**Table 5-3: Surface Water Field Parameters Summary**

| Unit | Parameter | Minimum | Maximum | Comment |
|---|---|---|---|---|
| On-Base drainage lines | DO (mg/L) | 1.08 | 6.95 | Poorly to well oxygenated |
| | EC (µs/cm) | 30.6 | 644 | Fresh |
| | Eh (mV) | 136.6 | 572.1 | Mildly to moderately oxidising |
| | Temperature (°C) | 17 | 27.6 | - |
| | pH | 6.45 | 9.2 | Approximately neutral to alkaline |
| Warrill Creek | DO (mg/L) | 3.46 | 9.6 | Poorly to well oxygenated |
| | EC (µs/cm) | 300.9 | 745 | Fresh |
| | Eh (mV) | 177 | 283.3 | Mildly to moderately oxidising |
| | Temperature (°C) | 19.3 | 22.5 | - |
| | pH | 7.33 | 8.23 | Alkaline |
| Bremer River | DO (mg/L) | 2.39 | 8.28 | Poorly to well oxygenated |
| | EC (µs/cm) | 117.8 | 758 | Fresh |
| | Eh (mV) | 99.1 | 300.3 | Moderately oxidising |
| | Temperature (°C) | 14.9 | 22.8 | - |
| | pH | 7.24 | 7.95 | Alkaline |

### 5.3.3 Surface Water Analytical Results

The surface water analytical results have been compared against the adopted screening criteria, with the analytical results presented in **Table C-2**, **Appendix C**. Where a duplicate reported a higher concentration than

the primary sample, the higher concentration was adopted. Concentrations of PFBS, PFHxS, PFOS, PFOA and Sum PFHxS+PFOS have been shown on **Figure 15** to **Figure 19**. Based on review of analytical results:

- Concentrations of PFBS in five out of 57 samples exceeded drinking water criteria.
- Concentrations of PFHxS in 24 out of 57 samples exceeded drinking water.
- Concentrations of PFOS in 24 out of 57 samples exceeded freshwater (95 % species protection) criteria. In 31 out of 56 samples there was an exceedance of freshwater (99 % species protection) criteria and drinking water criteria.
- Concentrations of PFOA in 12 out of 57 samples exceeded drinking water criteria.
- Concentrations of PFOS+PFHxS in 17 out of 57 samples exceeded recreational water criteria.

### 5.3.4 OMP Triggers

The following **Table 5-4** summarises the analytical results reported for April and May 2025, with reference to specific OMP triggers outlined in the SAQP. It should be noted that certain OMP triggers have been excluded, as they are assessed separately in the OMR through a detailed interpretation of the analytical results. These triggers include:

- Complete source pathway and receptor linkage identified based on Water Use Survey /change in land use.
- Statistically significant increasing trends for Sum of PFAS (assessed using statistical analysis such as Mann Kendall trend assessment).
- Statistically significant decreasing trends for Sum of PFAS trends (assessed using statistical analysis such as Mann Kendall trend assessment).
- No triggers or acceptable levels are exceeded.
- Change in Commonwealth tolerable daily intake recommendations and/or tier 1 screening criteria.

The surface water data has been presented with the available historical data in **Table C-4** in **Appendix C**.

**Table 5-4: OMP Triggers - Surface Water**

| Trigger | PFBS | PFHxS | PFOS | PFOA | Sum PFHS + PFOS | Comment |
|---|---|---|---|---|---|---|
| First-time detection in surface water | **On-Base:**<br>SW570<br>*SW661* | **On-Base:**<br>SW570<br>SW658<br>SW661 | **On-Base:**<br>SW658<br>SW661 | **On-Base:**<br>SW661 | **On-Base:**<br>SW658<br>SW661 | First time detections associated with sample locations monitored for the first time on-Base. Re-analysis of samples not able to be completed due to disposal of samples by laboratory. No change to risk profile identified for on-Base receptors, incidental direct contact considered to be low can acceptable. |
| First time exceedance of human health recreational guidelines in surface water off-Base (Bremer River, Warrill Creek). | None | None | None | None | None | |
| New maximum concentration in surface water which is less than an order of magnitude greater than the previous maximum. | **On-Base:**<br>SW008<br>*SW570*<br>*SW661* | **On-Base:**<br>SW008<br>SW038<br>SW530<br>SW570<br>SW658<br>SW661<br>**Off-Base:**<br>SW050 | **Off-Base:**<br>SW050 | **Off-Base:**<br>SW050 | **On-Base:**<br>SW008<br>SW530<br>**Off-Base:**<br>SW050 | Re-analysis of samples not able to be completed due to disposal of samples by laboratory. No change to risk profile identified for off-Base and on-Base receptors:<br>• Incidental direct contact and recreational exposures considered to be low can acceptable.<br>• Consumption of home eggs, home-slaughtered Beef meat and offal is not recommended where surface water is used for irrigation. |

| Trigger | PFBS | PFHxS | PFOS | PFOA | Sum PFHS + PFOS | Comment |
|---|---|---|---|---|---|---|
| New maximum concentration in surface water which is greater than an order of magnitude greater than the previous maximum | None. | **Off-Base:**<br>SW043<br>SW096 | None. | None. | None. | Re-analysis of samples not able to be completed due to disposal of samples by laboratory. No change to risk profile identified for off-Base and on-Base receptors:<br>• Incidental direct contact and recreational exposures considered to be low can acceptable.<br>• Consumption of home eggs, home-slaughtered Beef meat and offal is not recommended where surface water is used for irrigation. |
| New minimum concentration in surface water | **Off-Base:**<br>SW022<br>SW023<br>SW032<br>*SW050* | **Off-Base:**<br>SW022<br>SW032 | **Off-Base:**<br>SW022<br>SW023<br>SW051<br>SW096 | **On-Base:**<br>SW011<br>**Off-Base:**<br>SW022<br>SW023 | **Off-Base:**<br>SW032<br>SW051 | Concentration trends to be reviewed within the OMR and consideration to be given to the requirement for ongoing monitoring. |

# 6. Conclusions

The OMP April / May 2025 sampling event was completed in general accordance with the SAQP. The observations, information and data collected as part of the sampling event have been documented in this SER and have been summarised in the table below.

**Table 6-1: Summary of April / May 2025 Sampling Event**

| Aspect | Detail |
|---|---|
| SAQP | This OMP round was completed in general accordance with the SAQP, except for the deviations specified in **Section 2.2**, including:<br>• Five surface water monitoring locations were not sampled due to dry conditions.<br>• Three groundwater locations were sampled prior to the standard 24-hour HydraSleeve™ residence time.<br>The deviations noted above are not considered to impact achieving the objectives of the OMP. |
| Screening Criteria | The PFAS screening criteria identified in **Section 3** were adopted in accordance with the SAQP. |
| Groundwater Sampling Program | Access was obtained to all groundwater monitoring well locations.<br>A total of 45 primary groundwater samples were collected. Concentrations of PFOS, Sum of PFOS+PFHxS, and PFOA were consistent with previous monitoring rounds, except for:<br>• One first time detection for PFBS, PFHxS, PFOS and PFOA.<br>• Eight new maximum detections reported for PFBS and PFHXs, four for PFOS and PFOA.<br>• Four new minimum detections for PFBS and PFOS, five for PFHxS, and three for PFOA. |
| Surface Water Sampling Program | Access was obtained to all surface water monitoring locations. A total of five locations were identified to be dry at the time of sampling.<br>A total of 56 primary surface water samples were collected. Concentrations of PFOS, Sum of PFOS+PFHxS, and PFOA were consistent with previous monitoring rounds, except for:<br>• Two first time detection for PFBS, PFOS and Sum PFHxS + PFOS, three for PFHxS, and one for PFOA.<br>• No first-time exceedances for human health recreational guidelines.<br>• Three new maximum detections for PFBS, eight for PFHxS, one for PFOS and PFOA, and three for Sum PFHxS + PFOS.<br>• Four new minimum detection for PFBS and PFOS, two for PFHxS and Sum of PFHxS and PFOS, and three for PFOA. |
| Next Scheduled Event | The next OMP sampling event is scheduled for October 2025. |

# 7. References


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# Appendix A Figures

**Figure 1: Site Location**

**Figure 2: Surface Water Catchments**

**Figure 3: Groundwater Monitoring Well Locations**

**Figure 4: Surface Water and Sediment Sample Locations**

**Figure 5: Groundwater Contours, Alluvium / Tertiary Formation**

**Figure 6: Groundwater Elevations, Walloon Coal Measures**

**Figure 7: PFBS Concentrations, Alluvium / Tertiary Formation**

**Figure 8: PFBS Concentrations, Walloon Coal Measures**

**Figure 9: PFOA Concentrations, Alluvium / Tertiary Formation**

**Figure 10: PFOA Concentrations, Walloon Coal Measures**

**Figure 11: PFOS Concentrations, Alluvium / Tertiary Formation**

**Figure 12: PFOS Concentrations, Walloon Coal Measures**

**Figure 13: PFHxS Concentrations, Alluvium / Tertiary Formation**

**Figure 14: PFHxS Concentrations, Walloon Coal Measures**

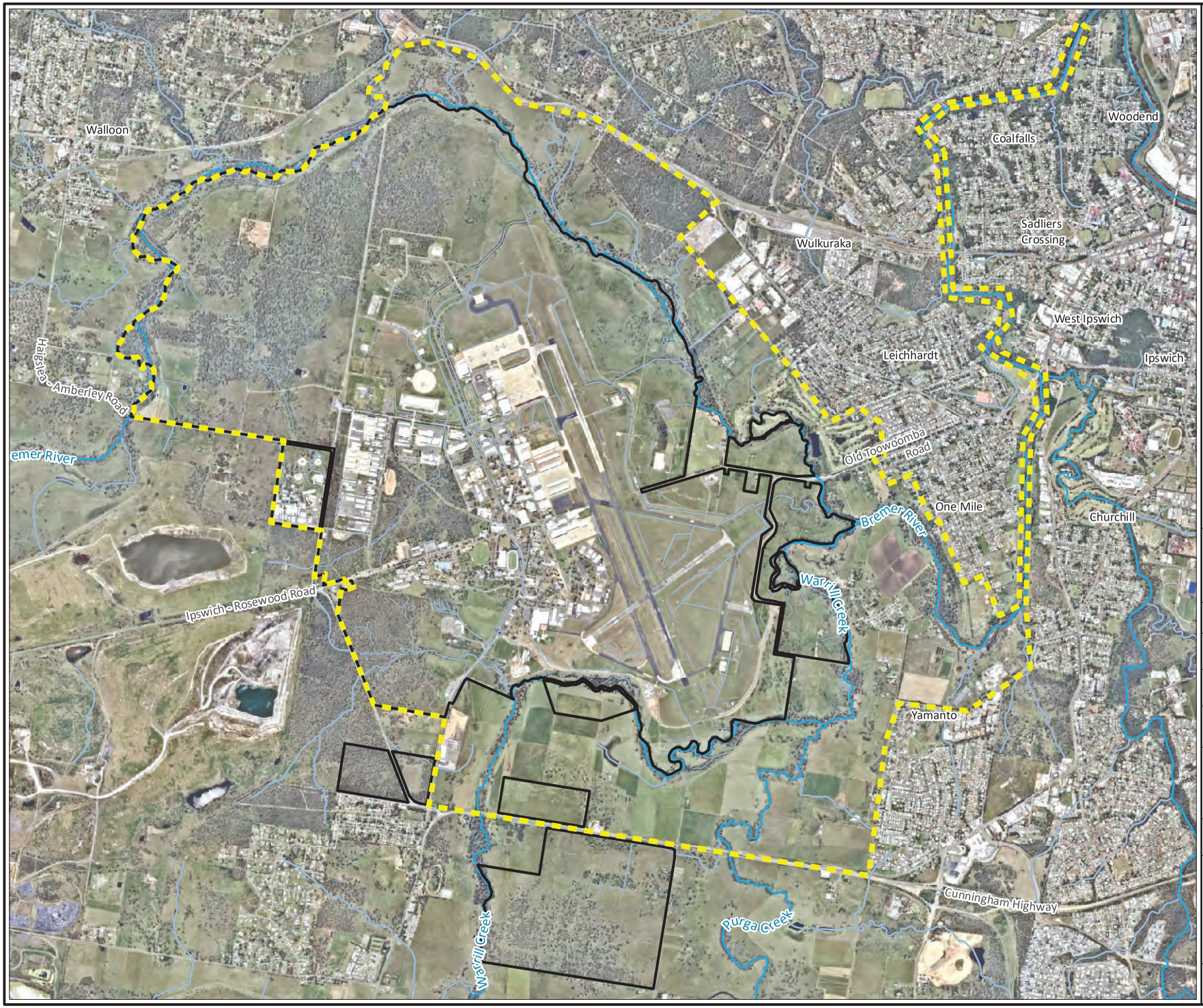
**Figure 15: PFBS Concentrations in Surface Water**

**Figure 16: PFOA Concentrations in Surface Water**

**Figure 17: PFOS Concentrations in Surface Water**

**Figure 18: PFHxS Concentrations in Surface Water**

**Figure 19: Sum PFHxS + PFOS Concentrations in Surface Water**




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Approximate RAAF Base Amberley Boundary

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevB | Date: 14-Jul-2025

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metres

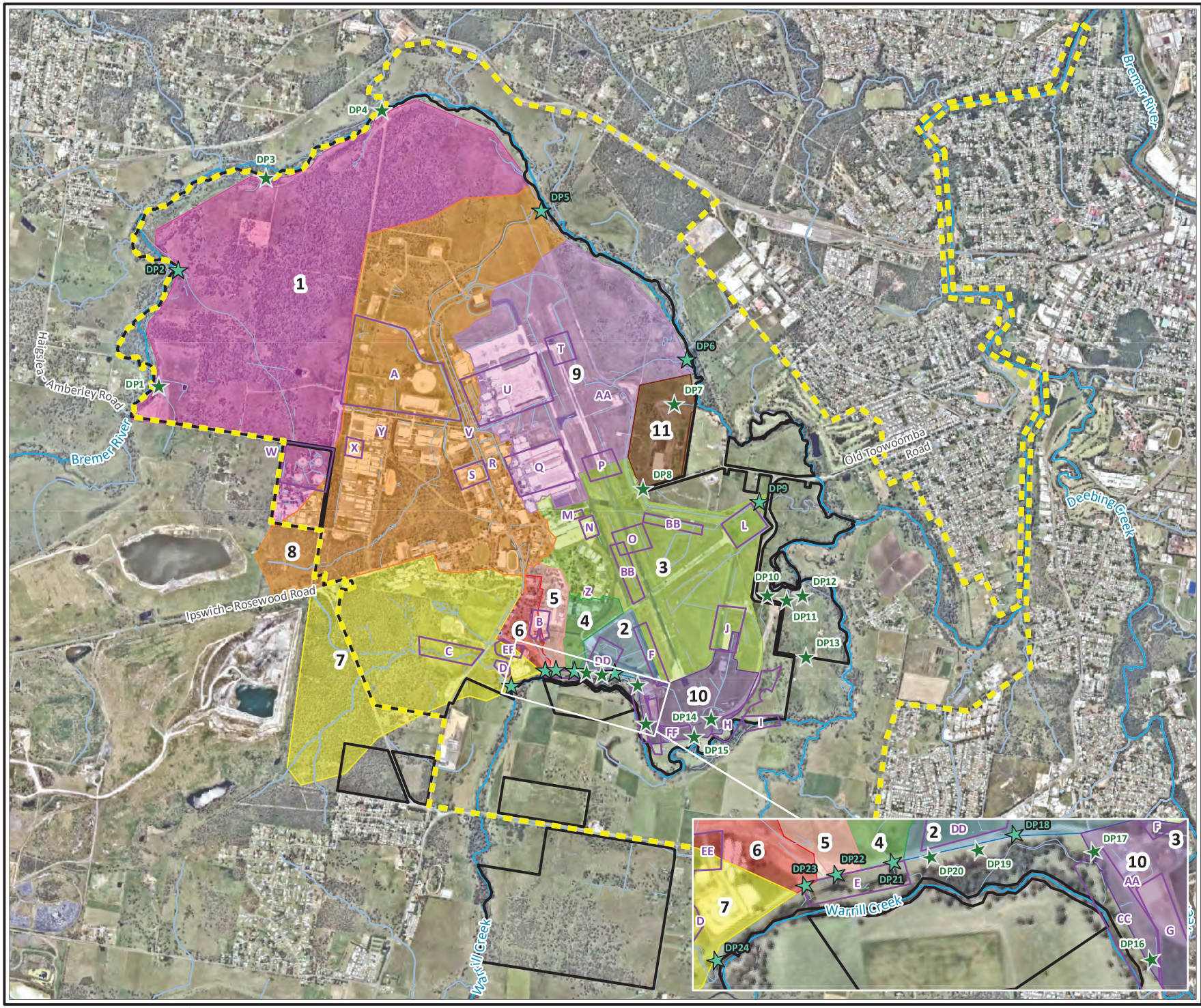
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SITE LOCATION**

**FIGURE 1**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_01_SiteLoc
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Major Discharge Point
- Minor Discharge Point
- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevB | Date: 14-Jul-2025

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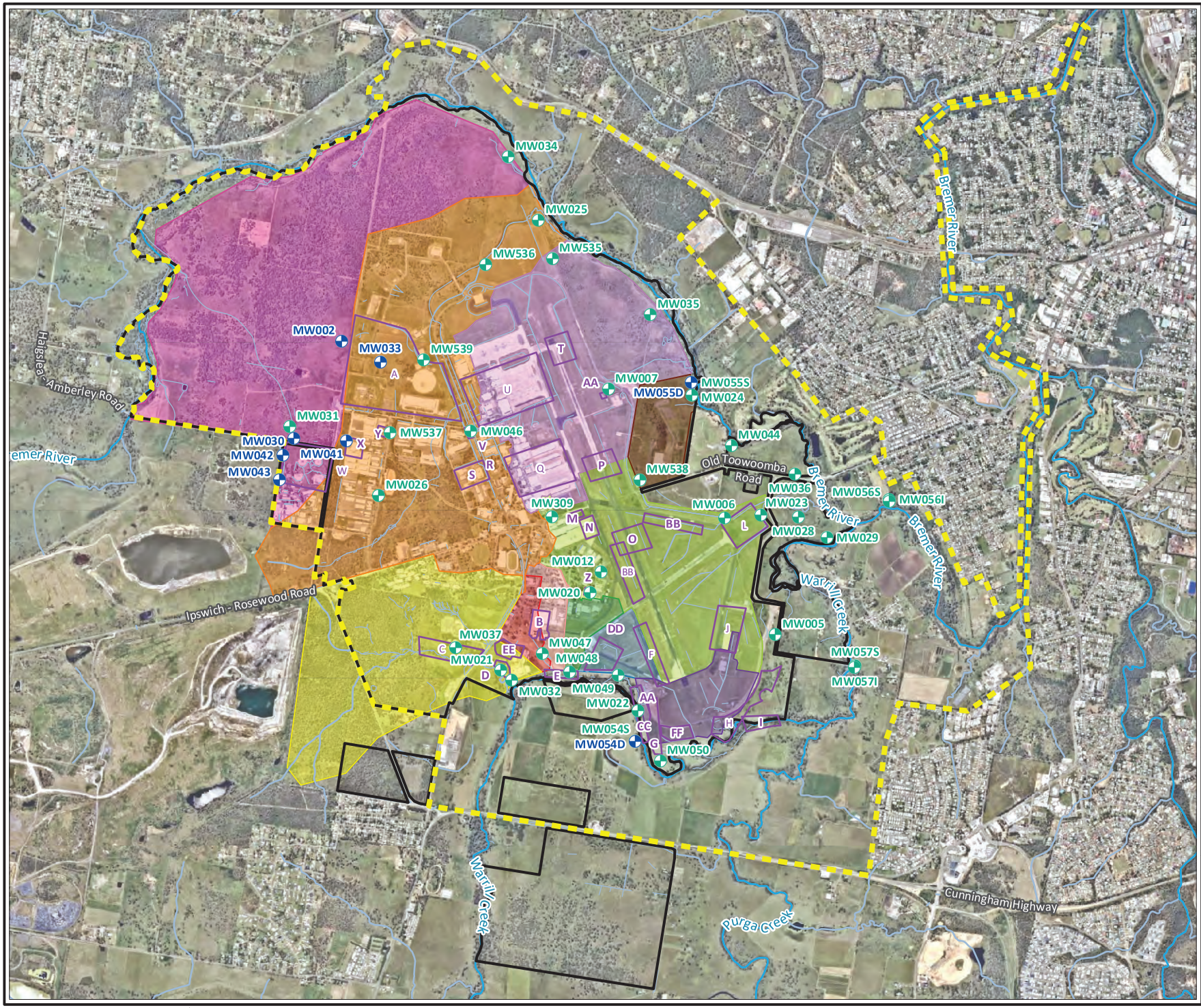
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SURFACE WATER CATCHMENTS**

**FIGURE 2**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_02_Catchments
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- Tertiary Formation / Alluvium
- Walloon Coal Measures

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevB | Date: 14-Jul-2025

Scale 1:44,000

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metres

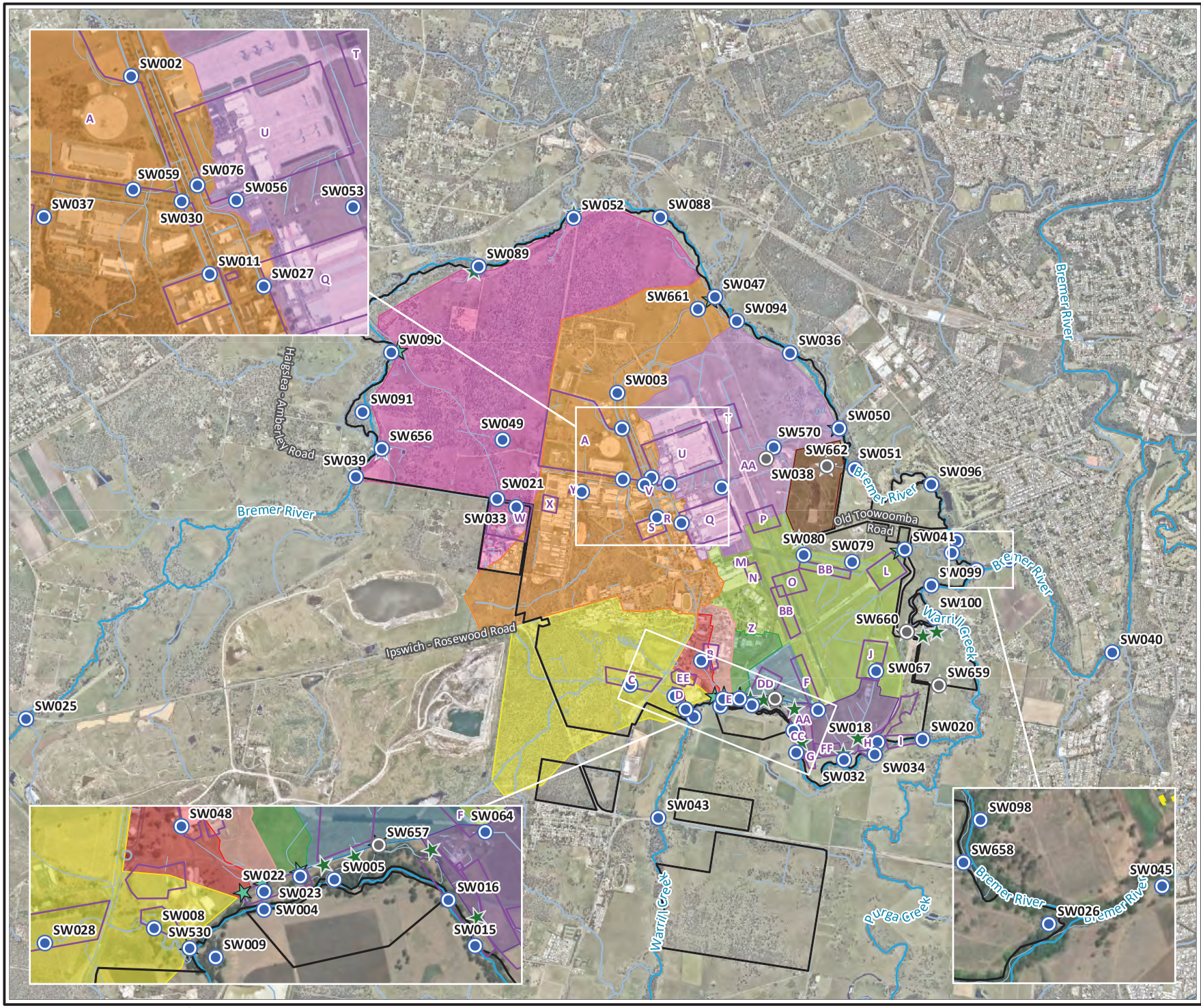
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER MONITORING WELL LOCATIONS**

**FIGURE 3**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_03_GWLocs
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Surface Water Location
- Surface Water Location (Not Sampled)
- Major Discharge Point
- Minor Discharge Point
- Watercourse of Interest
- Watercourse / Drainage Line
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

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Client: Department of Defence

Version: RevB | Date: 01-Sep-2025

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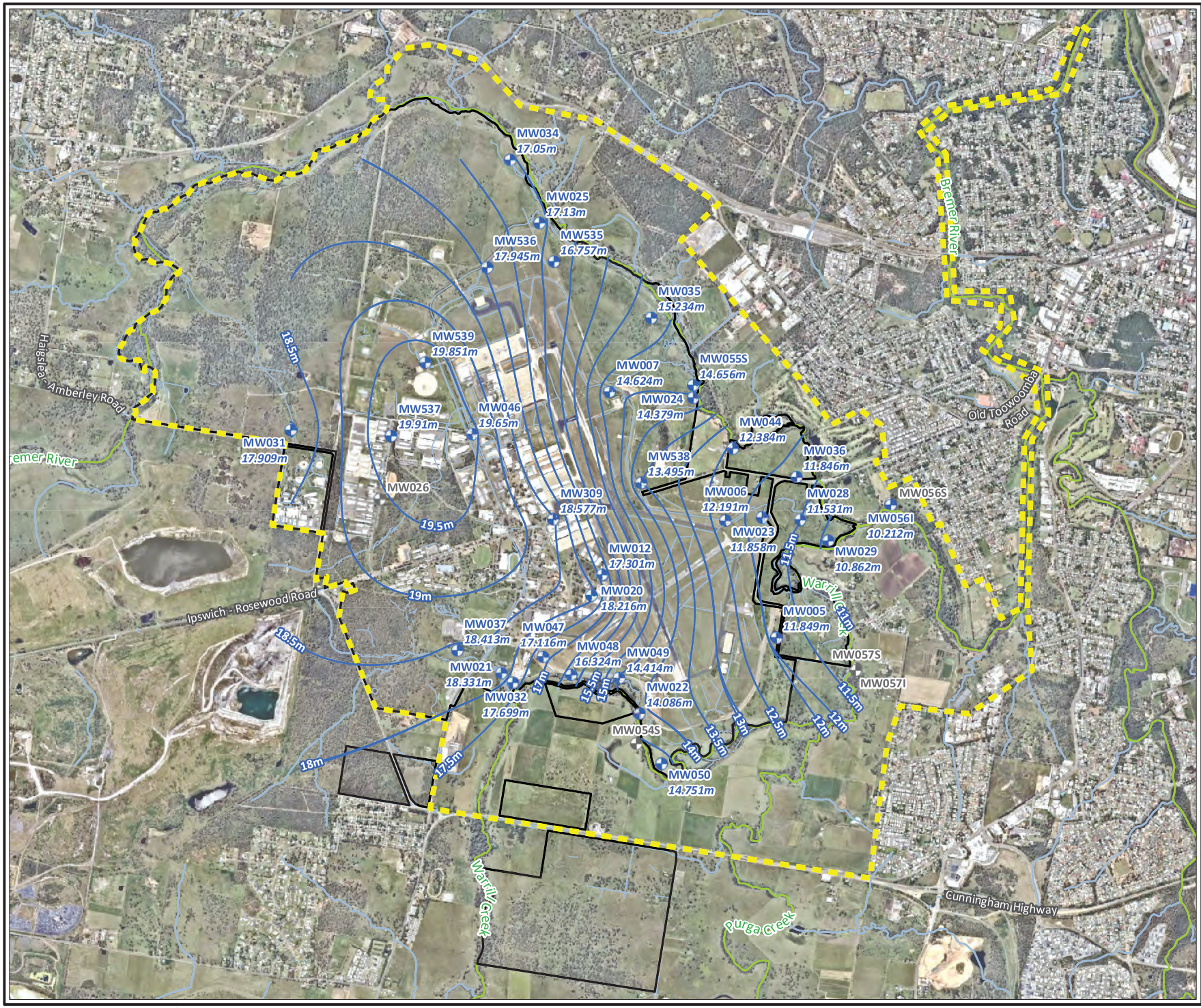
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SURFACE WATER SAMPLE LOCATIONS**

**FIGURE 4**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_04_SWLocs
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- Inferred Groundwater Contour (mAHD)
- PFAS Management Area Plan Boundary
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- RWL indicated (mAHD)
- Not included in contours

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Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

0 500 1,000
metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER CONTOURS, ALLUVIUM / TERTIARY FORMATION (APRIL & MAY, 2025)**

**FIGURE 5**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_10B_GWContAlluTertAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

- RWL indicated (mAHD)

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Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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metres

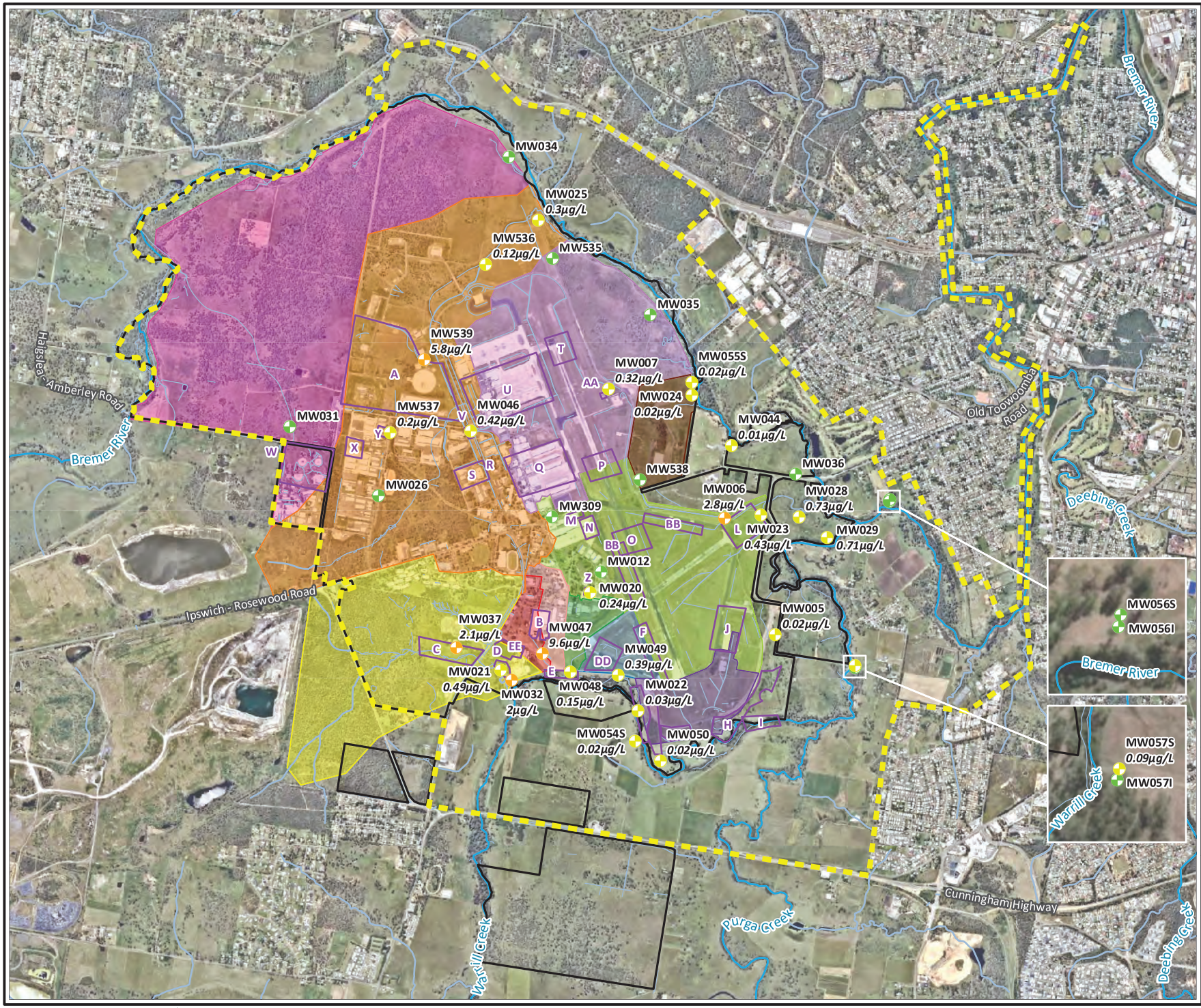
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**GROUNDWATER ELEVATIONS, WALLOON COAL MEASURES (APRIL & MAY, 2025)**

**FIGURE 6**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_10D_GWContWalloonAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFBS Concentration***

- 10 - <50 µg/L
- 1 - <10 µg/L
- <1 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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metres

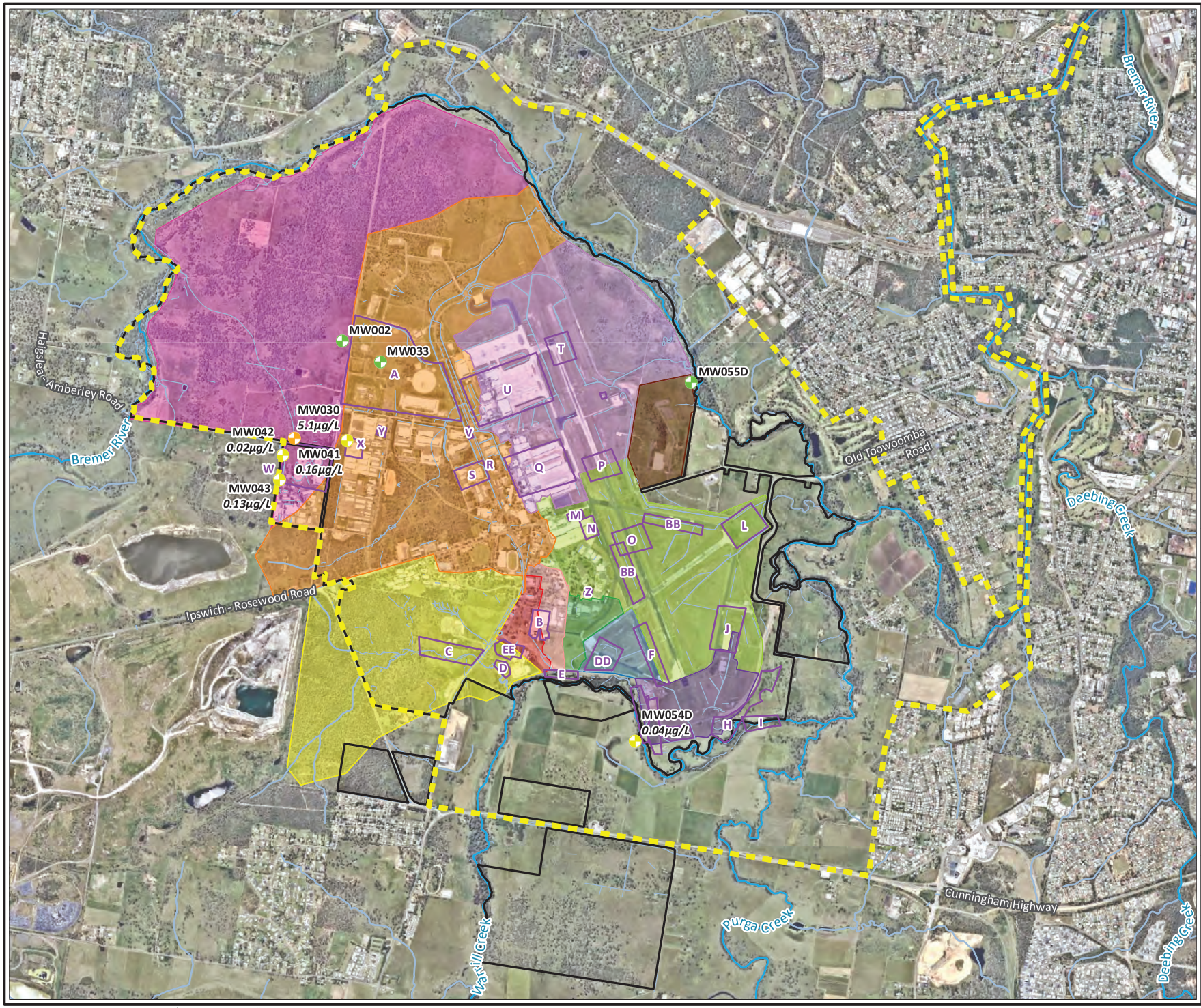
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFBS GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (APRIL & MAY, 2025)**

**FIGURE 7**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_11B_PFBSAlluTertAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFBS Concentration***

- 10 - <50 µg/L
- 1 - <10 µg/L
- <1 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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metres

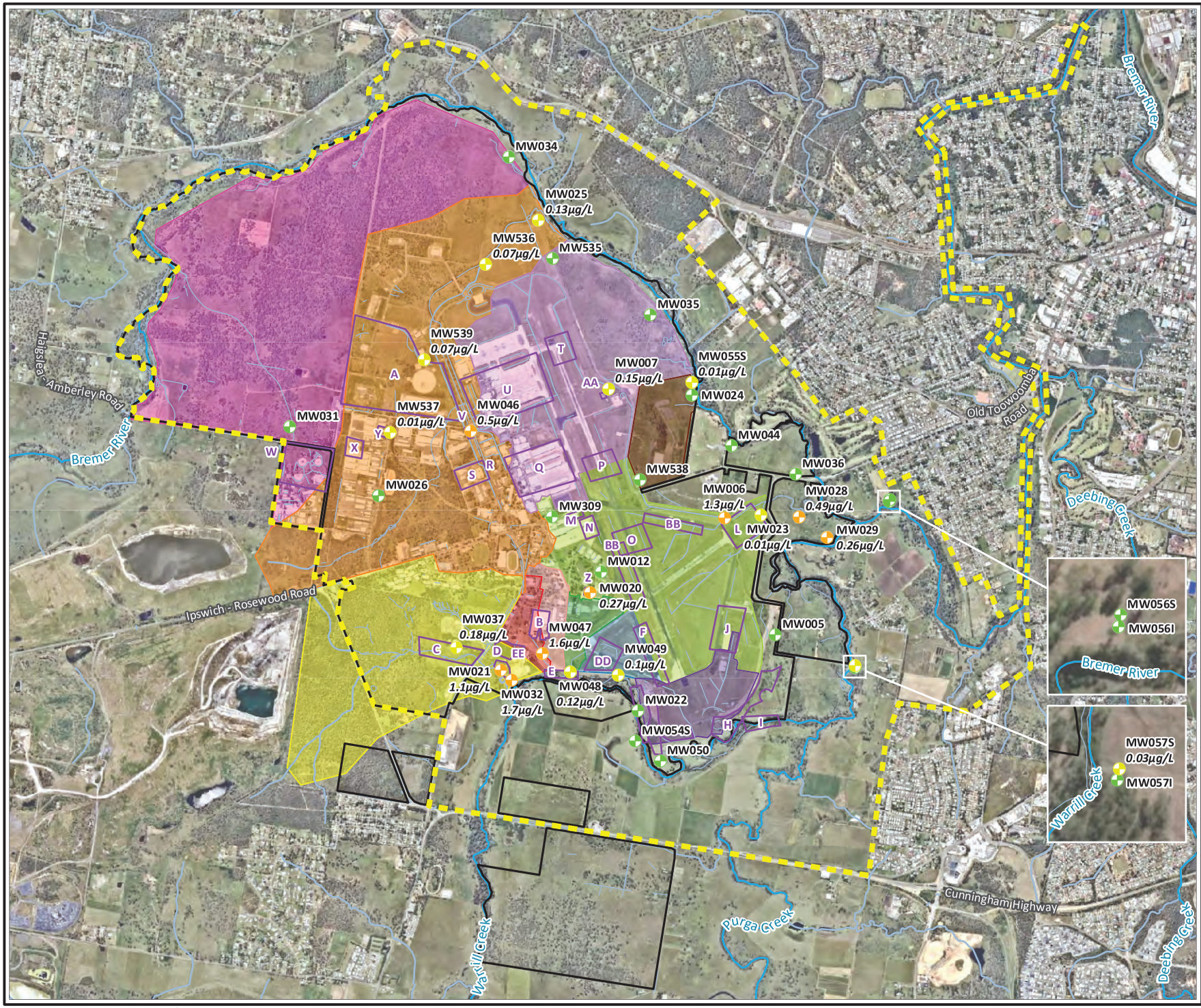
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFBS GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (APRIL & MAY, 2025)**

**FIGURE 8**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_11D_PFBSWalloonAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOA Concentration***

- 10 - <50 µg/L
- 0.2 - <10 µg/L
- <0.2 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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metres

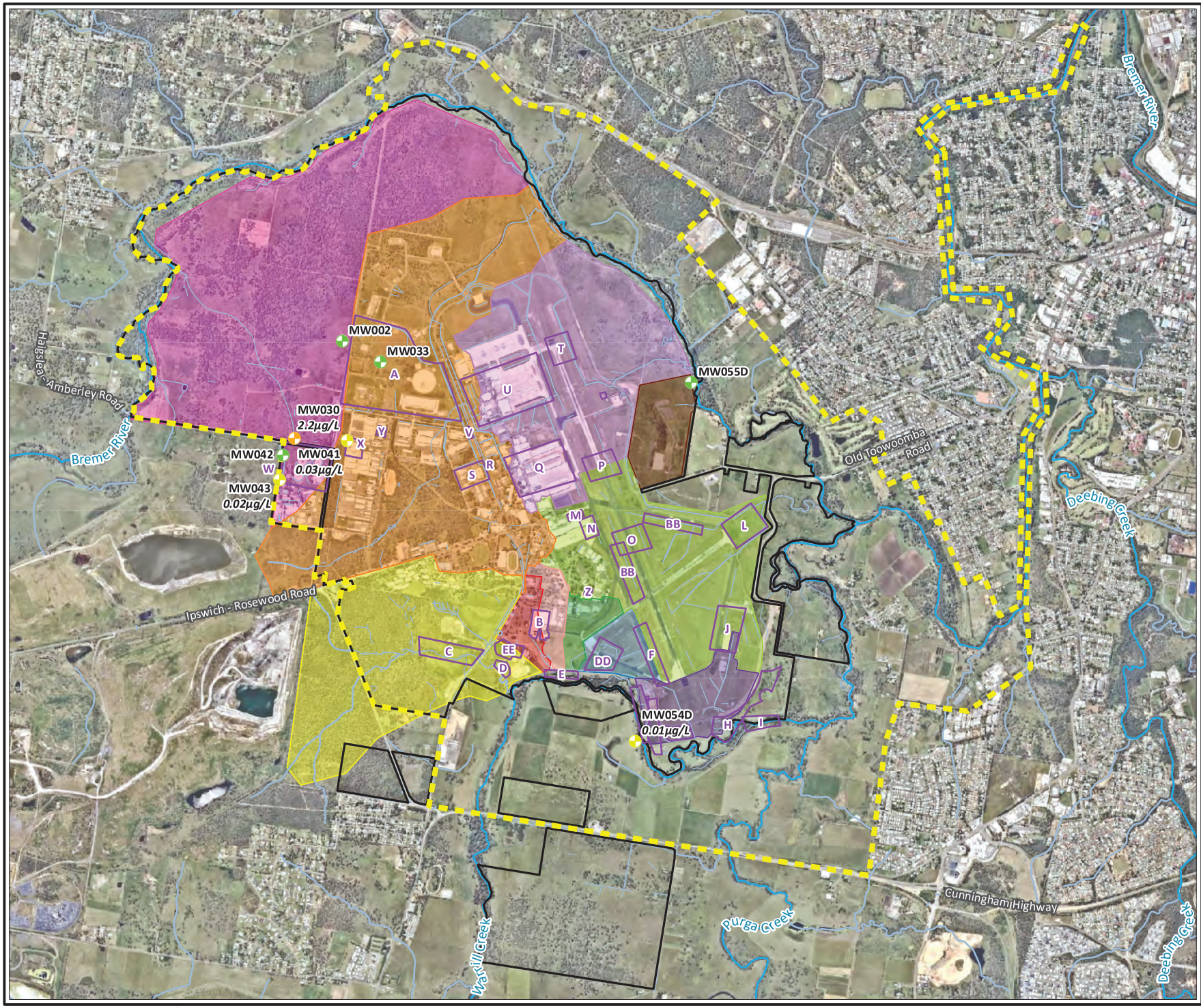
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (APRIL & MAY, 2025)**

**FIGURE 9**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_12B_PFOAAlluTertAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOA Concentration***

- 10 - <50 µg/L
- 0.2 - <10 µg/L
- <0.2 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevB | Date: 19-Aug-2025

Scale 1:44,000

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metres

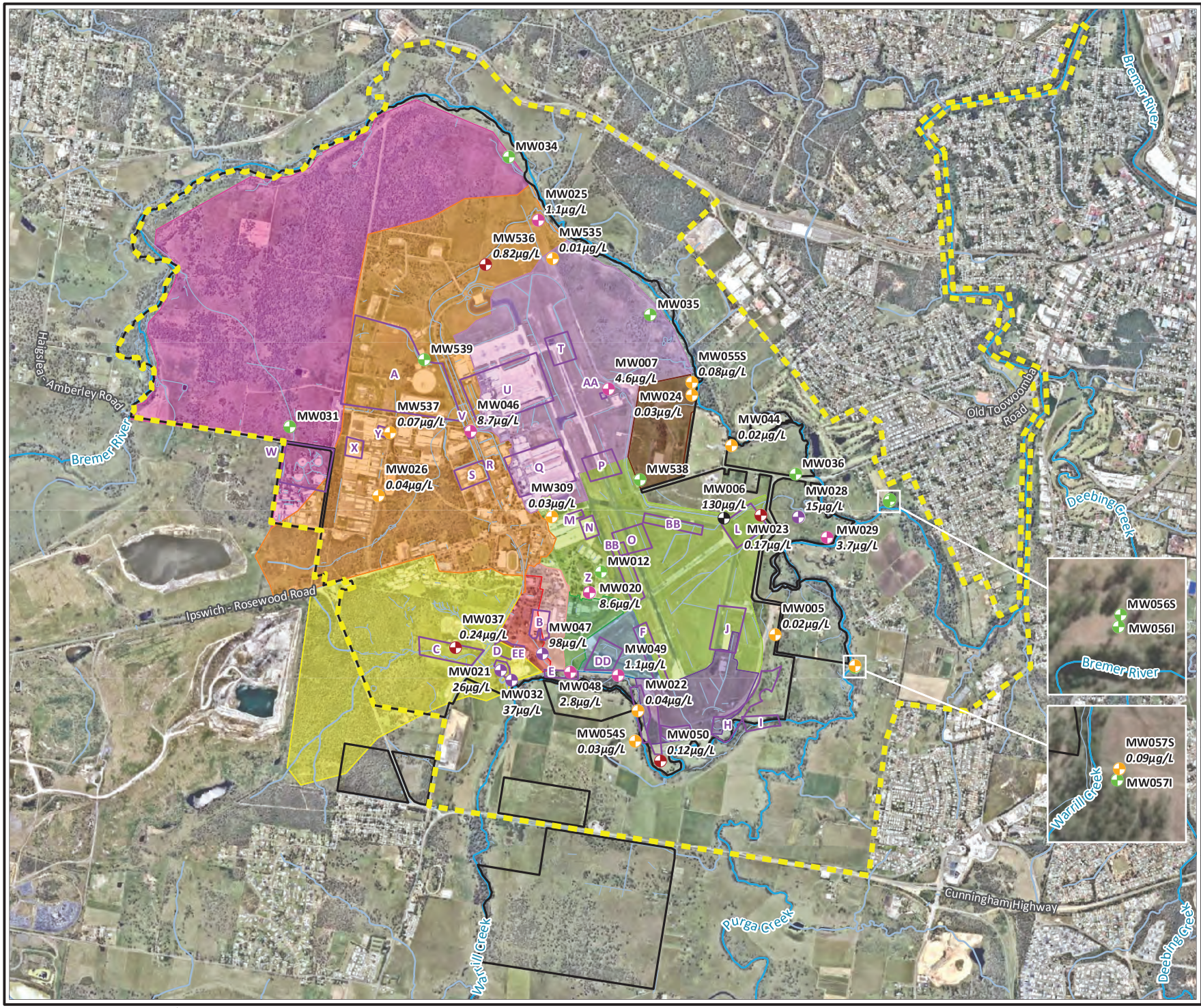
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (APRIL & MAY, 2025)**

**FIGURE 10**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_12D_PFOAWalloonAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOS Concentration***

- >100 µg/L
- 10 - <100 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.008 - <0.1 µg/L
- <0.008 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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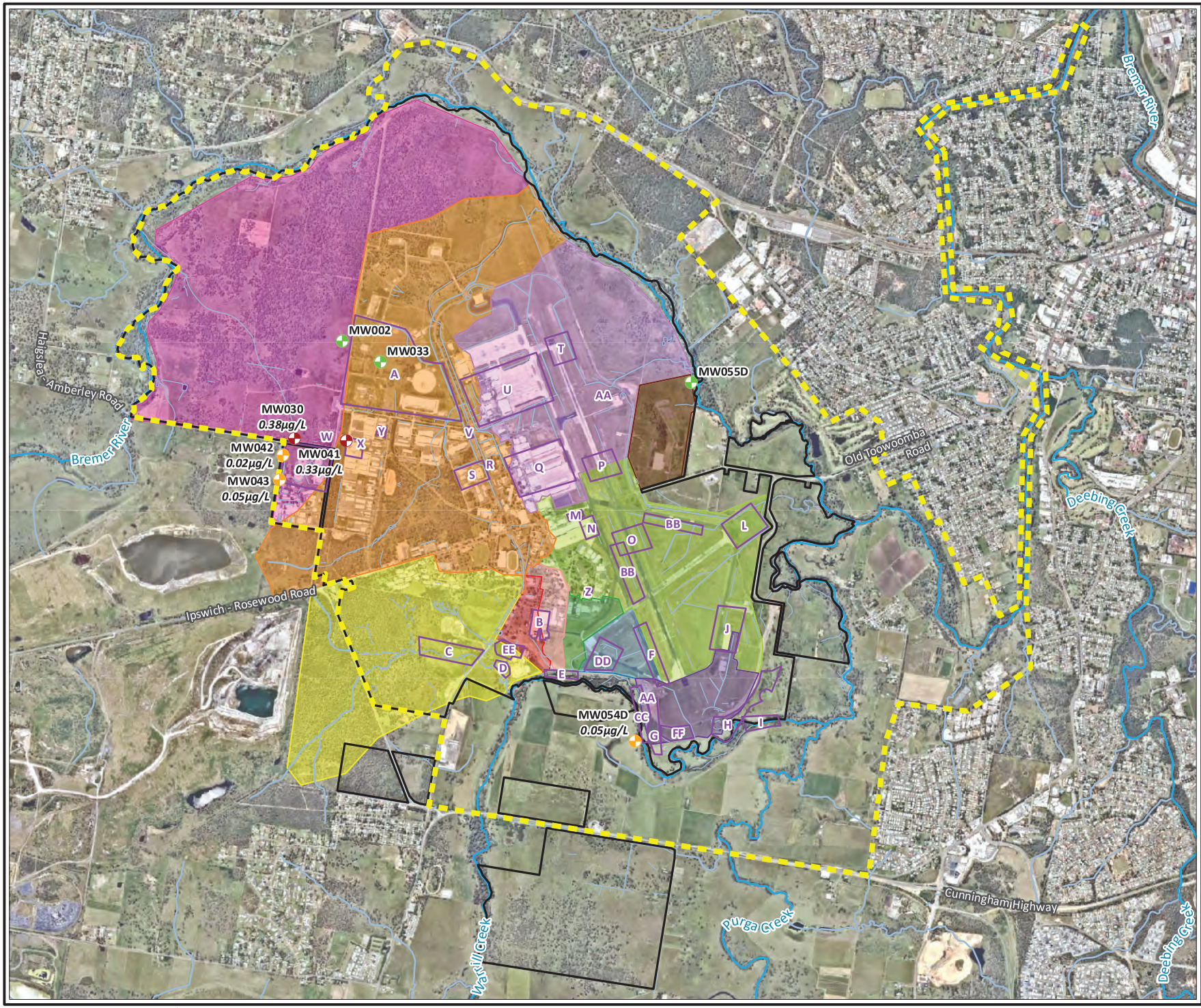
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Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**
**PFOS GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (APRIL & MAY, 2025)**

**FIGURE 11**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_13B_GWPFOSAlluTertAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFOS Concentration***

- >100 µg/L
- 10 - <100 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.008 - <0.1 µg/L
- <0.008 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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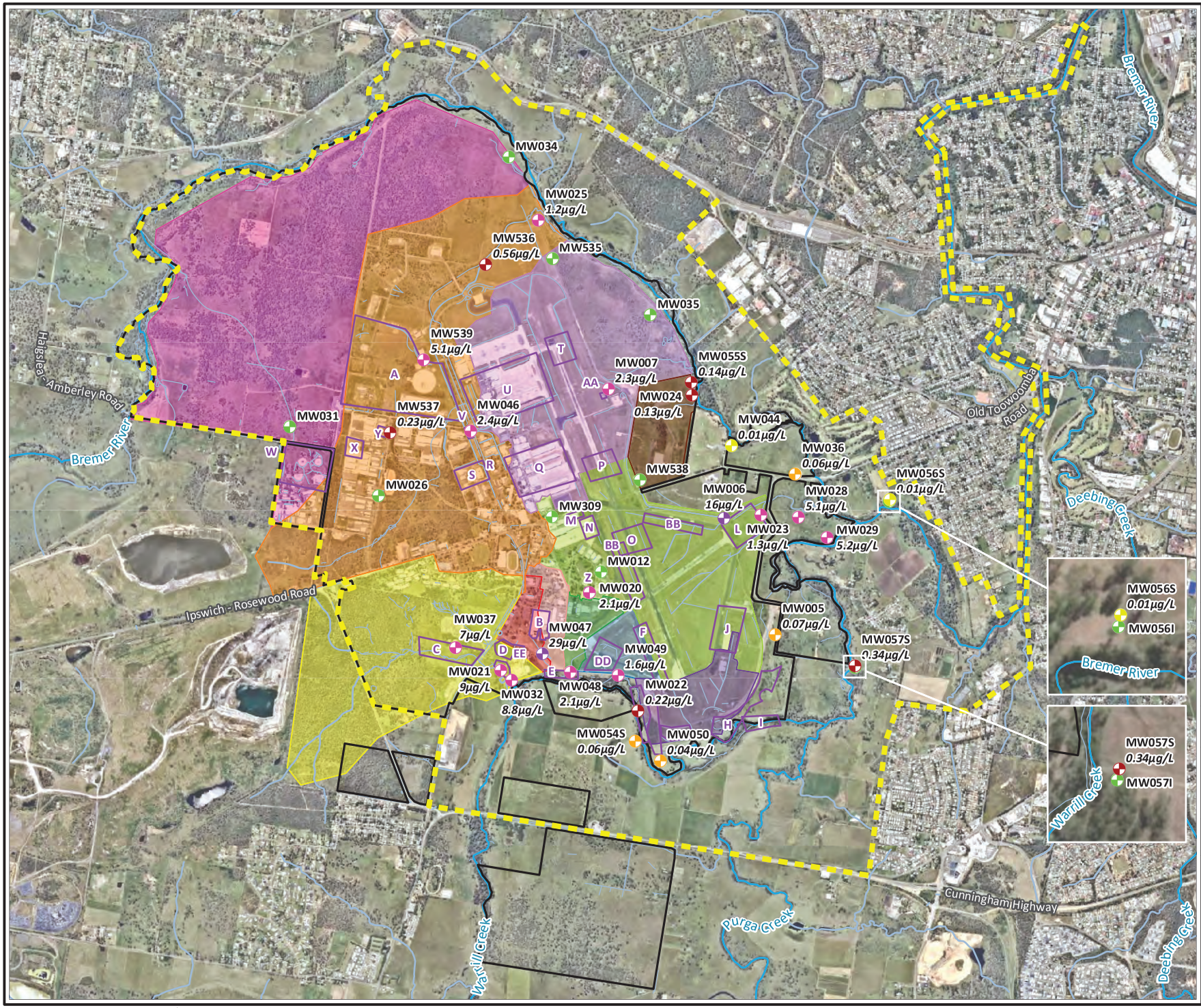
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOS GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (APRIL & MAY, 2025)**

**FIGURE 12**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_13D_GWPFOSWalloonAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFHxS Concentration***

- >100 µg/L
- 0.03 - <0.1 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.03 - <0.1 µg/L
- <0.03 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

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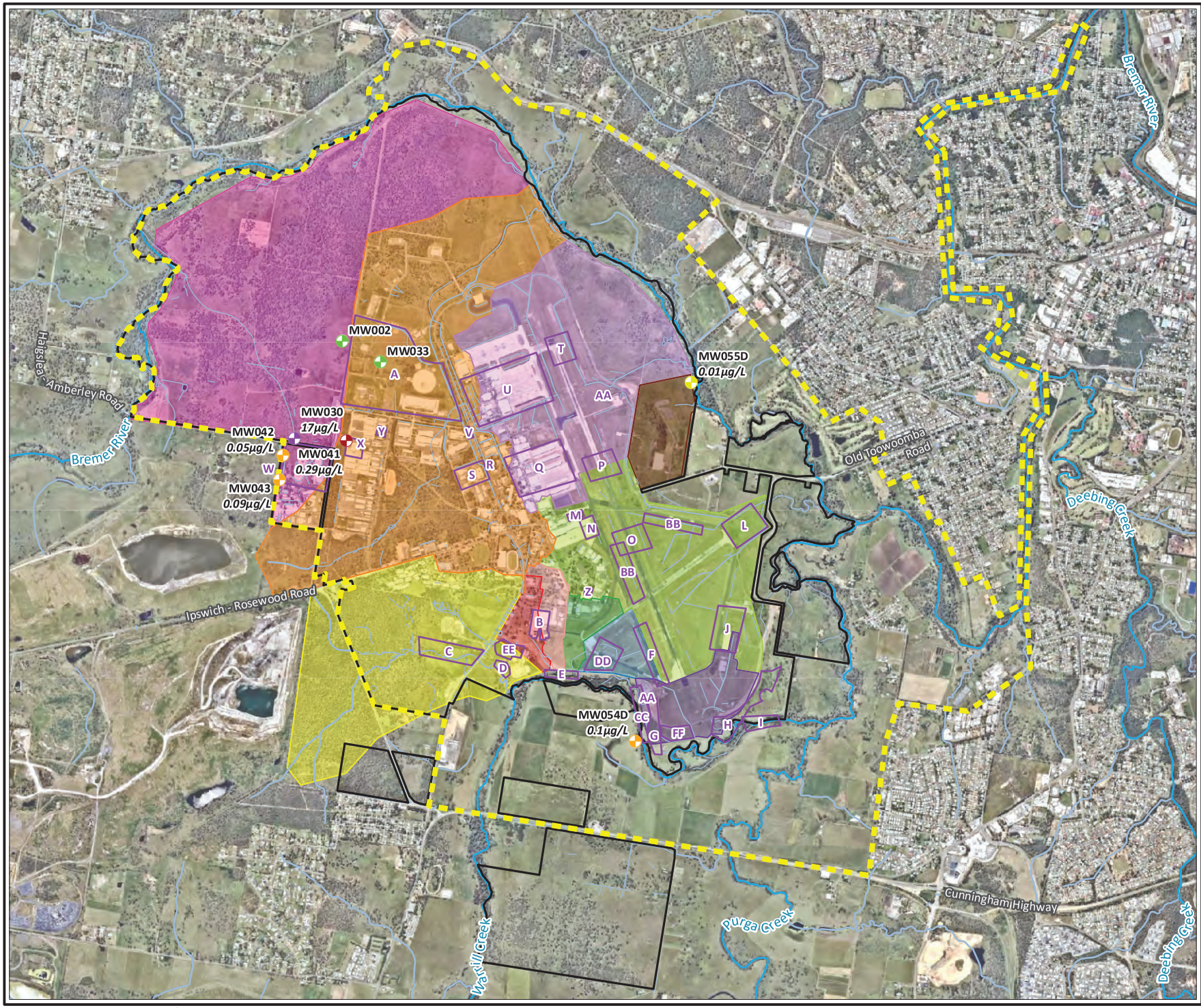
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Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**
**PFHxS GROUNDWATER CONCENTRATIONS, ALLUVIUM / TERTIARY FORMATION (APRIL & MAY, 2025)**

**FIGURE 13**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_14B_GWPFHxSAlluTertAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Groundwater Monitoring Location**

***PFHxS Concentration***

- >100 µg/L
- 10 - <100 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.03 - <0.1 µg/L
- <0.03 µg/L
- Non-detect

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 19-Aug-2025

Scale 1:44,000

0 500 1,000

metres

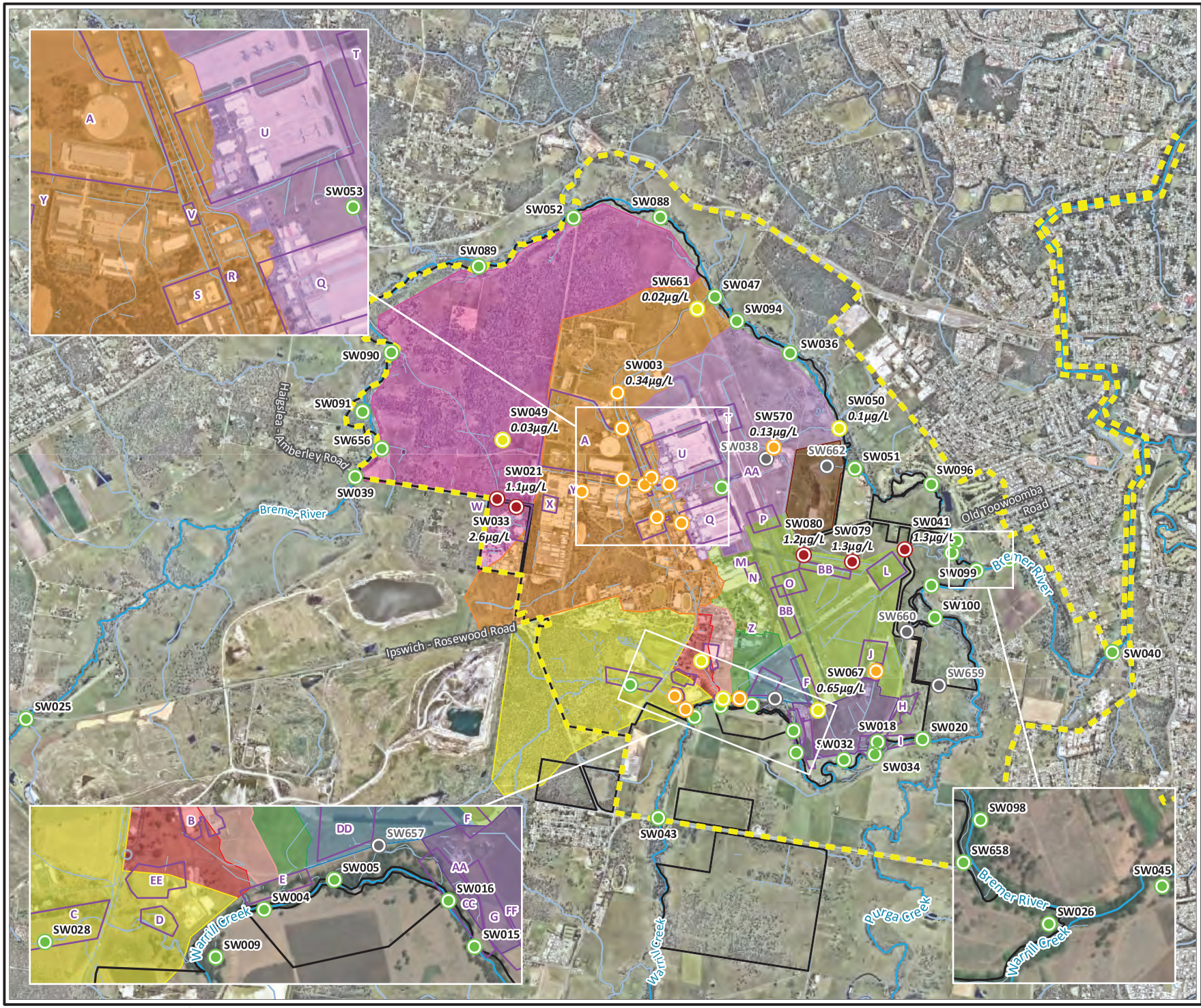
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFHxS GROUNDWATER CONCENTRATIONS, WALLOON COAL MEASURES (APRIL & MAY, 2025)**

**FIGURE 14**

Name: 66133_RAAF_Amberley_OMR25_RevA/ 66133_14D_GWPFHxSWalloonAprMay25
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***PFBS Concentration***

- >1 µg/L
- 0.1 - <1 µg/L
- <0.1 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 01-Sep-2025

Scale 1:51,000

0 500 1,000
metres

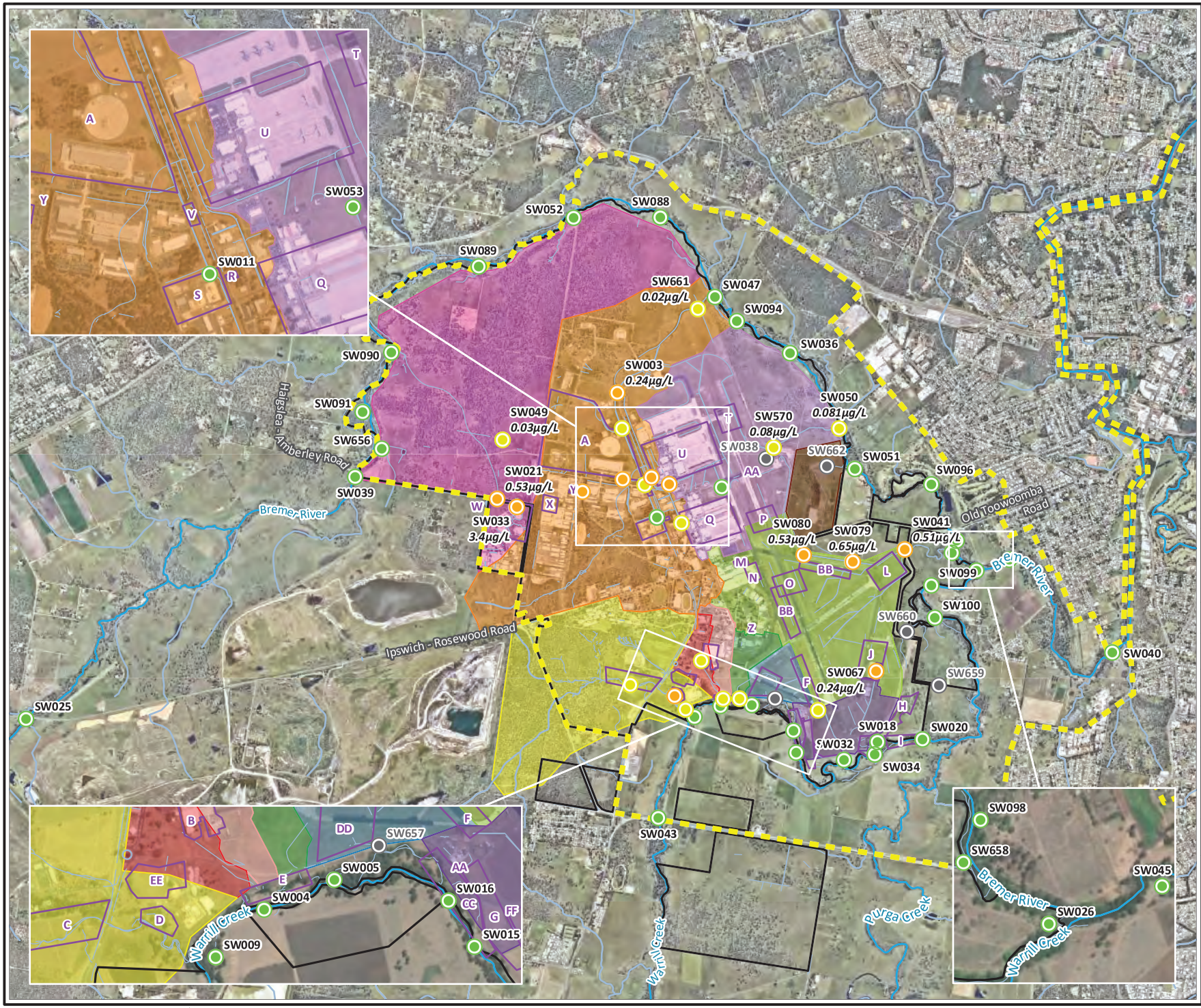
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFBS CONCENTRATIONS, SURFACE WATER (APRIL & MAY, 2025)**

**FIGURE 15**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_15_SWPFBSAprMay25_OMR
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***PFOA Concentration***

- 0.2 - <10 µg/L
- <0.2 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 01-Sep-2025

Scale 1:51,000

0 500 1,000
metres

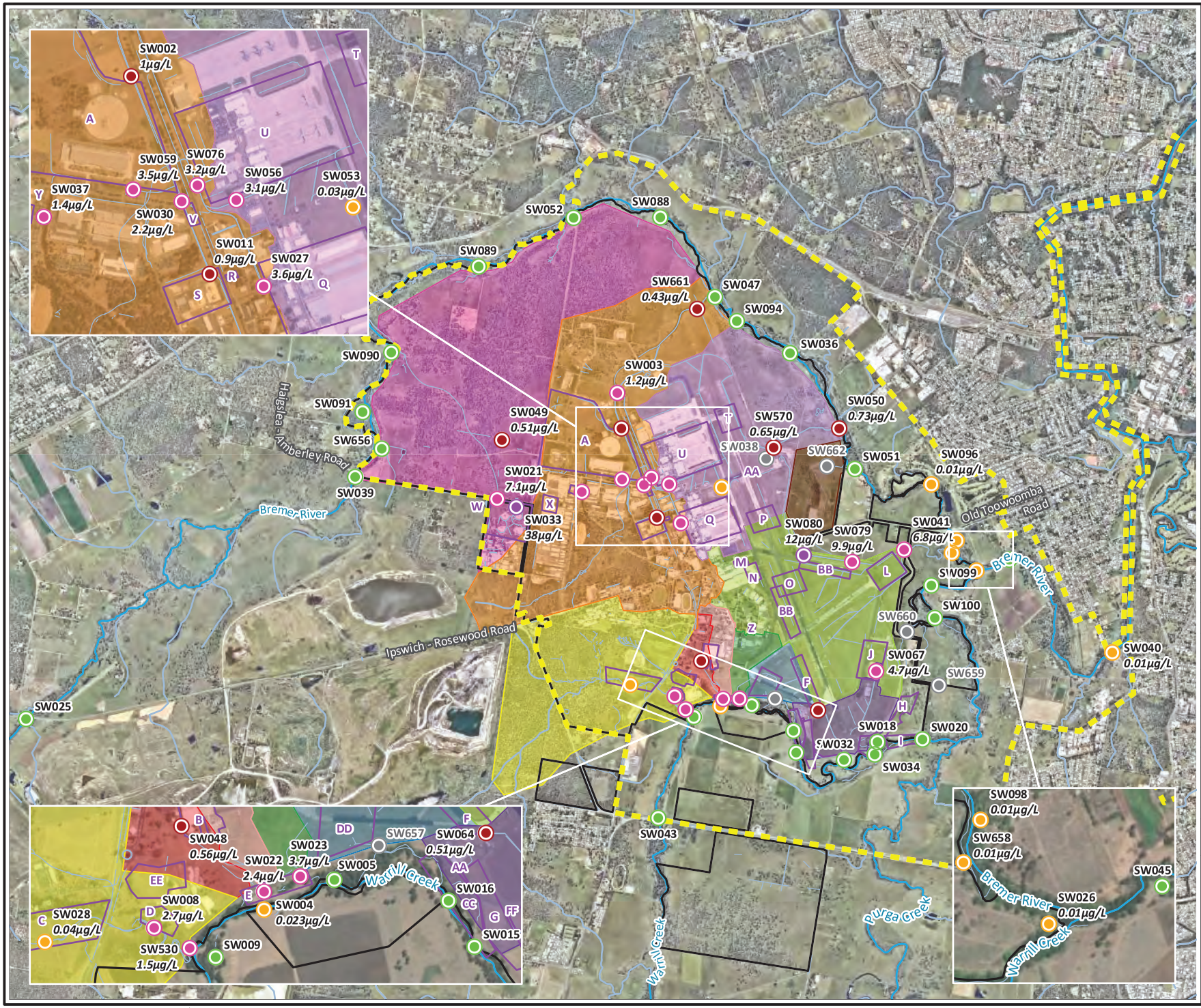
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOA CONCENTRATIONS, SURFACE WATER (APRIL & MAY, 2025)**

**FIGURE 16**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_16_SWPFOAAprMay25_OMR
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***PFOS Concentration***

- >10 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.008 - <0.1 µg/L
- <0.008 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 01-Sep-2025

Scale 1:51,000

0 500 1,000
metres

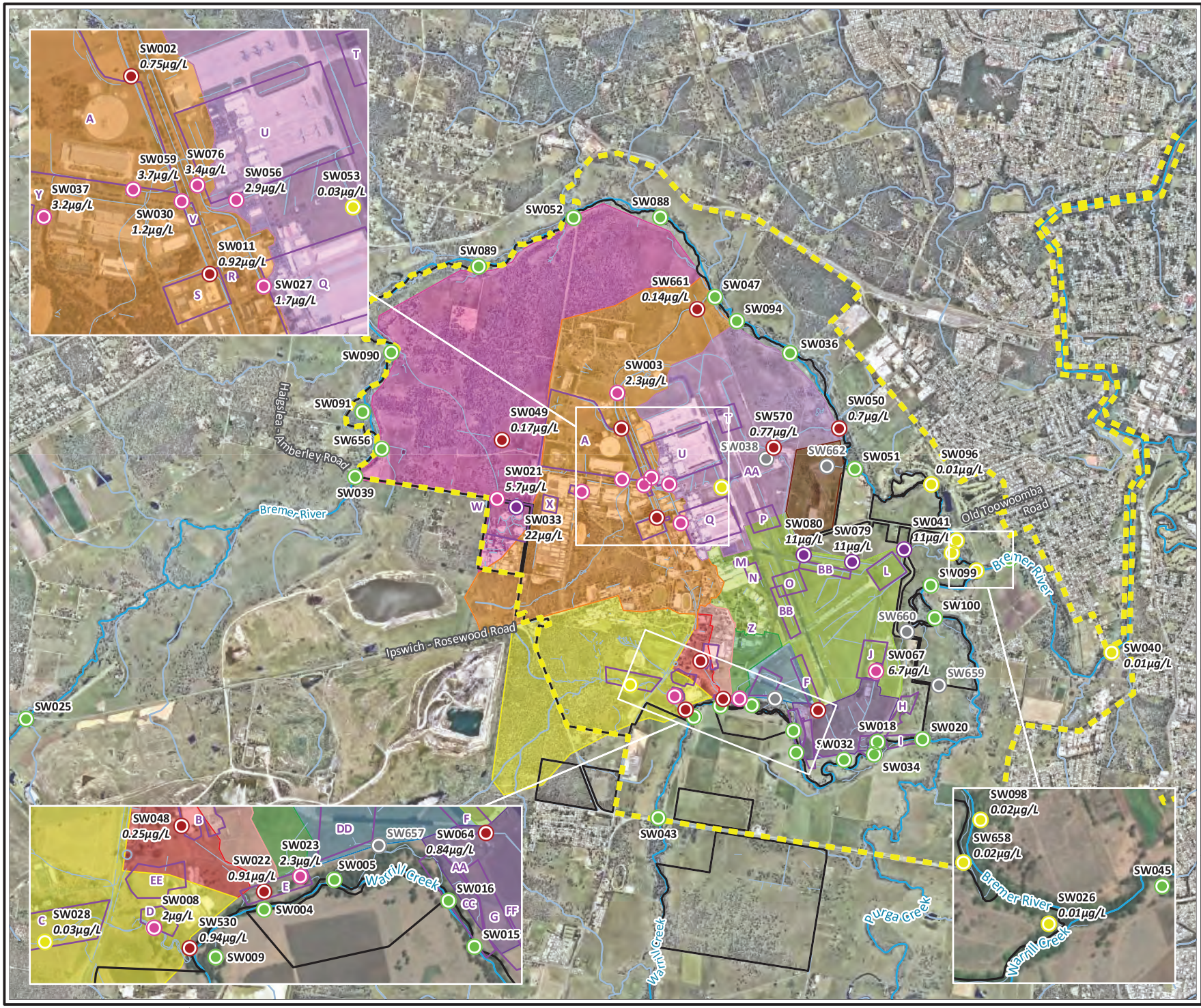
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFOS CONCENTRATIONS, SURFACE WATER (APRIL & MAY, 2025)**

**FIGURE 17**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_17_SWPFOSAprMay25_OMR
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***PFHxS Concentration***

- >10 µg/L
- 1 - <10 µg/L
- 0.1 - <1 µg/L
- 0.03 - <0.1 µg/L
- <0.03 µg/L
- Non-detect
- Not sampled

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 01-Sep-2025

Scale 1:51,000

0 500 1,000
metres

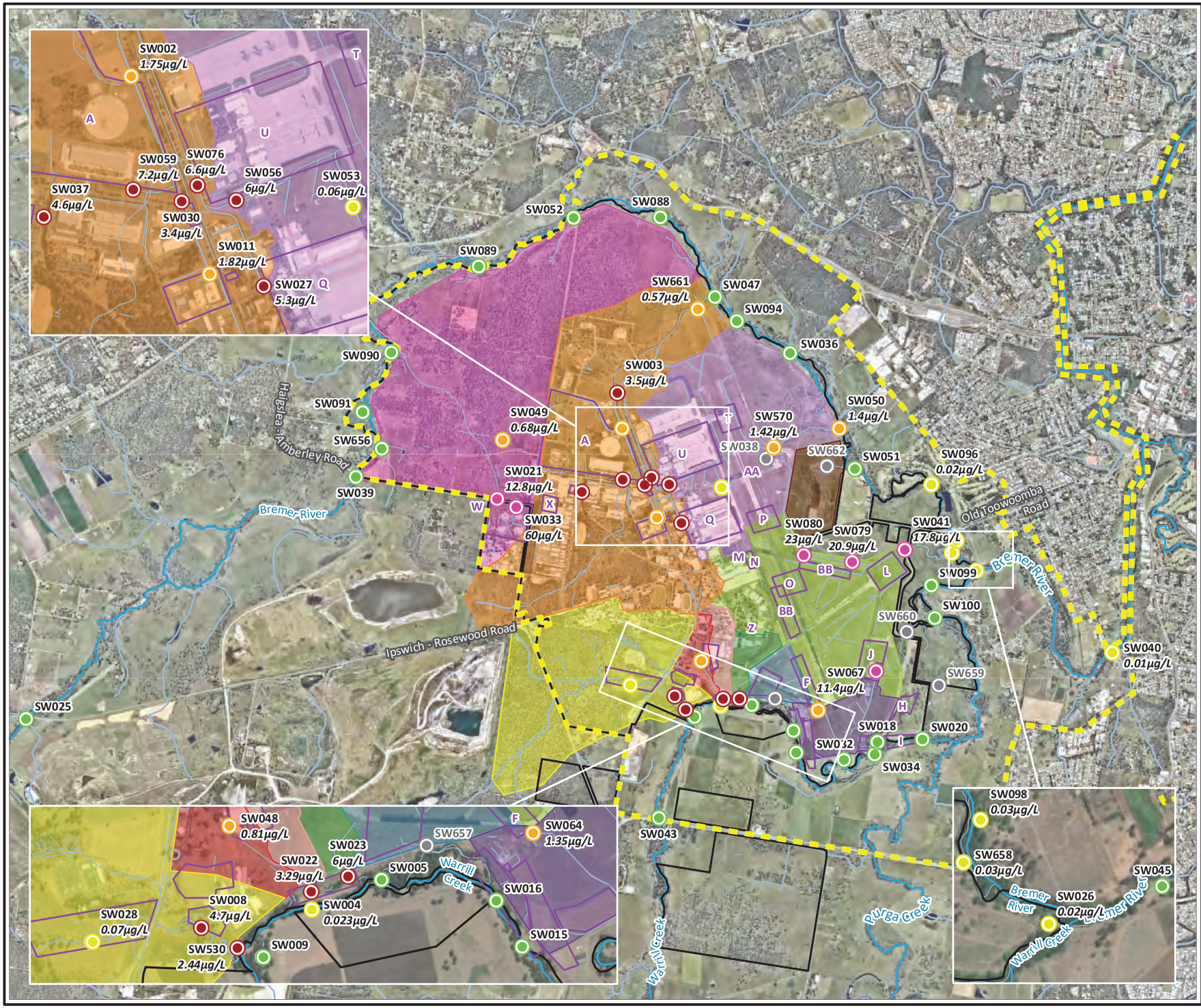
Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**PFHxS CONCENTRATIONS, SURFACE WATER (APRIL & MAY, 2025)**

**FIGURE 18**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_18_SWPFHxSAprMay25_OMR
Reference: www.nearmap.com - Imagery Date: 03/06/2024




**Legend**

- Watercourse of Interest
- Watercourse / Drainage Line
- PFAS Management Area Plan Boundary
- Confirmed Primary Source Area
- RAAF Amberley Approximate Site Boundary

**Surface Water Location**

***Sum of PFHxS & PFOS Concentration***

- >10 µg/L
- 2 - <10 µg/L
- 0.1 - 2 µg/L
- <0.1 µg/L
- <0.01
- <Null>

**Catchment Areas**

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5
- Catchment 6
- Catchment 7
- Catchment 8
- Catchment 9
- Catchment 10
- Catchment 11

JBS&G

Job No: 66133

Client: Department of Defence

Version: RevA | Date: 01-Sep-2025

Scale 1:51,000

0 500 1,000
metres

Coord. Sys. GDA2020 MGA Zone 56

**RAAF Base Amberley, Queensland**

**SUM OF PFHxS & PFOS CONCENTRATIONS, SURFACE WATER (APRIL & MAY, 2025)**

**FIGURE 19**

Name: 66133_RAAF_Amberley_SER_Apr25_RevB/ 66133_19B_SWPFHxSPFOSAprMay25_OMR
Reference: www.nearmap.com - Imagery Date: 03/06/2024

# Appendix B Physical Parameters

**Table B-1: Groundwater Gauging Data**

**Table B-2: Groundwater Field Parameters**

**Table B-3: Surface Water Field Parameters**

# TABLE B-1: Groundwater Gauging

| Property ID | Well ID | Gauged Date | Aquifer | CPSA / Area of Concern | Screen depth (m) | Well Depth (mbtoc) | Depth to Water (mbtoc) | TOC Elevation (mAHD) | Groundwater Elevation (mAHD) | Condition of Well |
|---|---|---|---|---|---|---|---|---|---|---|
| 0861 | MW005 | 15/04/2025 | Alluvium | CPSA J | 13.0-17.0 | 18.010 | 14.876 | 26.725 | 11.849 | Rusted gatic lid |
| 0861 | MW006 | 06/05/2025 | Alluvium | CPSA M | 10.3-14.3 | 13.276 | 9.746 | 21.937 | 12.191 | De-stabilised |
| 0861 | MW007 | 06/05/2025 | Alluvium | CPSA AA | 6.0-10.0 | 10.766 | 8.584 | 23.208 | 14.624 | Good |
| 0861 | MW021 | 15/04/2025 | Alluvium | CPSA D | 2.5-6.0 | 5.694 | 2.389 | 20.720 | 18.331 | Good |
| 0861 | MW022 | 15/04/2025 | Alluvium | CPSA CC | 4.0-9.0 | 9.545 | 5.564 | 19.650 | 14.086 | Good |
| 0861 | MW023 | 06/05/2025 | Alluvium | CPSA M | 7.8-11.8 | 12.920 | 8.652 | 20.510 | 11.858 | Rusted gatic lid, de-stabilised |
| 0861 | MW024 | 16/04/2025 | Alluvium | On-base Bremer River | 7.0-11.0 | 13.925 | 6.571 | 20.950 | 14.379 | Good |
| 0861 | MW025 | 15/04/2025 | Alluvium | On-base Bremer River | 7.4-11.4 | 12.245 | 8.290 | 25.420 | 17.130 | Good |
| 0861 | MW028 | 14/04/2025 | Alluvium | CPSA M | 10.5-14.5 | 13.959 | 9.299 | 20.830 | 11.531 | Good |
| 0861 | MW029 | 14/04/2025 | Alluvium | CPSA M | 7.0-10.0 | 10.126 | 7.368 | 18.230 | 10.862 | Good |
| 0861 | MW032 | 14/04/2025 | Alluvium | CPSA D | 8.0-14.0 | 14.662 | 8.581 | 26.280 | 17.699 | Good |
| 0861 | MW034 | 28/04/2025 | Alluvium | On-base Bremer River | 5.0-10.0 | 10.485 | 7.255 | 24.305 | 17.050 | Installed on an angle |
| 0861 | MW035 | 16/04/2025 | Alluvium | On-base Bremer River | 8.0-13.5 | 14.540 | 9.765 | 24.999 | 15.234 | De-stabilised |
| 0861 | MW036 | 15/04/2025 | Alluvium | CPSA M | 10.2-15.2 | 14.822 | 12.194 | 24.040 | 11.846 | Good |
| 0861 | MW037 | 14/04/2025 | Alluvium | CPSA C | 5.0-10.0 | 10.955 | 6.806 | 25.219 | 18.413 | De-stabilised |
| 0861 | MW044 | 15/04/2025 | Alluvium | On-base Bremer River | 8.0-11.0 | 11.185 | 7.927 | 20.311 | 12.384 | Good |
| 0861 | MW048 | 15/04/2025 | Alluvium | CPSA E | 7.5-10.5 | 10.350 | 6.784 | 23.108 | 16.324 | Good |
| 0861 | MW049 | 15/04/2025 | Alluvium | CPSA DD | 7.5-10.5 | 10.425 | 7.630 | 22.044 | 14.414 | Good |
| 0861 | MW050 | 14/04/2025 | Alluvium | CPSA G | 11.5-14.5 | 14.354 | 9.566 | 24.317 | 14.751 | Good |
| 0861 | MW054S | 28/04/2025 | Alluvium | Off-base Warril Creek | 4.0-7.2 | 6.886 | 4.745 | 20.380 | 15.635 | Good |
| 0861 | MW055S | 16/04/2025 | Alluvium | On-base Bremer River | 9.0-12.0 | 11.570 | 7.484 | 22.140 | 14.656 | Good |
| 0861 | MW056S | 15/04/2025 | Alluvium | Off-base Bremer River | 6.5-9.5 | 9.535 | 4.221 | 15.078 | 10.857 | Good |
| 0861 | MW057S | 15/04/2025 | Alluvium | Off-base Warril Creek | 5.5-8.5 | 8.406 | 3.917 | 16.479 | 12.562 | Good |
| 0861 | MW535 | 15/04/2025 | Alluvium | CPSA A | 8.5-13.5 | 14.162 | 8.574 | 25.331 | 16.757 | Good |
| 0861 | MW536 | 15/04/2025 | Alluvium | CPSA A | 6.5-10.5 | 11.233 | 7.225 | 25.170 | 17.945 | Good |
| 0861 | MW538 | 14/04/2025 | Alluvium | CPSA A | 13.5-17 | 18.151 | 11.723 | 25.218 | 13.495 | Good |
| 0861 | MW012 | 14/04/2025 | Tertiary Formation | CPSA BB | 12.5-17.5 | 16.012 | 8.874 | 26.175 | 17.301 | Good |
| 0861 | MW020 | 14/04/2025 | Tertiary Formation | CPSA Z | 23.5-16.5 | 16.255 | 8.827 | 27.043 | 18.216 | Good |
| 0861 | MW026 | 14/04/2025 | Tertiary Formation | CPSA W | 14.5-17.5 | 17.189 | 11.066 | 40.240 | 29.174 | Good |
| 0861 | MW031 | 14/04/2025 | Tertiary Formation | CPSA W | 14.5-20.5 | 18.234 | 15.541 | 33.450 | 17.909 | Good |
| 0861 | MW046 | 14/04/2025 | Tertiary Formation | CPSA V | 8.2-11.2 | 10.238 | 6.351 | 26.001 | 19.650 | Good |
| 0861 | MW047 | 14/04/2025 | Tertiary Formation | CPSA B | 10.5-13.5 | 13.221 | 9.149 | 26.265 | 17.116 | Good |
| 0861 | MW056I | 15/04/2025 | Tertiary Formation | Off-base Bremer River | 15.0-18.0 | 17.748 | 4.550 | 14.762 | 10.212 | Good |
| 0861 | MW057I | 15/04/2025 | Tertiary Formation | Off-base Warril Creek | 12.5-15.5 | 15.650 | 4.962 | 16.494 | 11.532 | Good |
| 0861 | MW309 | 07/05/2025 | Tertiary Formation | CPSA M | 13-19 | 19.181 | 10.030 | 28.607 | 18.577 | Good |
| 0861 | MW537 | 14/04/2025 | Tertiary Formation | CPSA Y | 15-19 | 19.585 | 14.871 | 34.781 | 19.910 | Good |
| 0861 | MW539 | 15/04/2025 | Tertiary Formation | CPSA A | 12-15 | 15.471 | 10.437 | 30.288 | 19.851 | Good |
| **Alluvium/Tertiary Formation Groundwater Elevation (mAHD) minimum:** | | | | **10.212** | **Alluvium/Tertiary Formation Groundwater Elevation (mAHD) maximum:** | | | | **29.174** | |
| 0861 | MW002 | 14/04/2025 | Walloon Coal Measures | CPSA A | 16.7-23.7 | 24.270 | 17.034 | 35.209 | 18.175 | Good |
| 0861 | MW030 | 14/04/2025 | Walloon Coal Measures | CPSA W | 17.0-21.0 | 22.005 | 15.040 | 35.840 | 20.800 | Good |
| 0861 | MW033 | 15/04/2025 | Walloon Coal Measures | CPSA A | 29.0-33.0 | 34.842 | 23.583 | 42.456 | 18.873 | Good |
| 0861 | MW041 | 15/04/2025 | Walloon Coal Measures | CPSA X | 11.5-14.5 | 14.586 | 9.651 | 46.383 | 36.732 | Good |
| 0861 | MW042 | 15/04/2025 | Walloon Coal Measures | CPSA W | 24.0-30.0 | 29.400 | 21.328 | 40.036 | 18.708 | Good |
| 0861 | MW043 | 15/04/2025 | Walloon Coal Measures | CPSA W | 18.0-21.0 | 20.804 | 11.450 | 49.182 | 37.732 | Good |
| 0861 | MW054D | 28/04/2025 | Walloon Coal Measures | Off-base Warril Creek | 18.0-21.2 | 21.064 | 5.248 | 20.454 | 15.206 | Good |
| 0861 | MW055D | 16/04/2025 | Walloon Coal Measures | On-base Bremer River | 28.0-34.0 | 34.445 | 7.441 | 22.196 | 14.755 | Good |
| **Walloon Coal Measures Groundwater Elevation (mAHD) minimum:** | | | | **14.755** | **Walloon Coal Measures Groundwater Elevation (mAHD) maximum:** | | | | **37.732** | |

Notes
m - metres
m btoc - metres below top of casing
m AHD - metres above Australian Height Datum
TOC - Top of Casing

# TABLE B-2: Groundwater Field Parameters

| Property ID | Well ID | Hydrasleeve Install Date | Hydrasleeve Installation Depth (mBTOC) | Sample Date | Aquifer | CPSA / Area of Concern | Screen depth (m) | Well Depth (mbtoc) | Depth to Water (mbtoc) | TOC Elevation (mAHD) | Ground- water Elevation (mAHD) | Condition of Well | DO (mg/L) | EC (µS/cm) | pH | Er (mV) | Eh (mV) | Temp (°C) | Turbidity | Water Colour | Odour | Sheen | Sample Method / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0861 | MW002 | 21/10/2024 | 22.50 | 28/04/2025 | Walloon Coal Measures | CPSA A | 16.7-23.7 | 24.270 | 16.972 | 35.209 | 18.237 | Good | 4.31 | 12581.0 | 6.31 | 63.60 | 293.6 | 21.8 | Low | Light brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW005 | 15/04/2025 | 16.00 | 7/05/2025 | Alluvium | CPSA J | 13.0-17.0 | 17.920 | 14.834 | 26.725 | 11.891 | Good | 2.38 | 1241.0 | 6.9 | 89.40 | 319.4 | 22.5 | Low | Light beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW006 | 6/05/2025 | 12.50 | 6/05/2025 | Alluvium | CPSA M | 10.3-14.3 | 13.276 | 9.735 | 21.937 | 12.202 | Good | 2.49 | 1522.0 | 7.9 | 124.20 | 354.2 | 21.5 | Clear | Grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW007 | 6/05/2025 | 9.00 | 6/05/2025 | Alluvium | CPSA AA | 6.0-10.0 | 10.766 | 7.535 | 23.208 | 15.673 | Good | 2.59 | 1165.0 | 7.5 | 303.10 | 533.1 | 23.3 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW012 | 14/04/2025 | 15.00 | 7/05/2025 | Tertiary Formation | CPSA BB | 12.5-17.5 | 17.990 | 8.866 | 26.175 | 17.309 | Good | 1.64 | 7243.0 | 6.6 | 43.40 | 273.4 | 23.5 | Clear | White | No odour | No sheen | HydraSleeve™ |
| 0861 | MW020 | 14/04/2025 | 15.00 | 7/05/2025 | Tertiary Formation | CPSA Z | 12.5-16.5 | 16.320 | 8.805 | 27.043 | 18.238 | Good | 1.83 | 7100.0 | 6.6 | 51.70 | 281.7 | 22.6 | Low | Light brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW021 | 15/04/2025 | 4.50 | 30/04/2025 | Alluvium | CPSA D | 2.5-6.0 | 5.745 | 2.451 | 20.720 | 18.269 | Good | 4.08 | 735.0 | 7.30 | 65.70 | 295.7 | 23.5 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW022 | 15/04/2025 | 8.00 | 30/04/2025 | Alluvium | CPSA CC | 4.0-9.0 | 9.622 | 5.638 | 19.650 | 14.012 | Good | 3.01 | 371.7 | 6.95 | -90.80 | 139.2 | 21.5 | Clear | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW023 | 6/05/2025 | 11.00 | 6/05/2025 | Alluvium | CPSA M | 7.8-11.8 | 12.920 | 8.630 | 20.510 | 11.880 | Good | 2.41 | 1181.0 | 7.1 | 139.00 | 369.0 | 22.2 | Clear | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW024 | 16/04/2025 | 10.00 | 1/05/2025 | Alluvium | On-base Bremer River | 7.0-11.0 | 11.931 | 6.775 | 20.950 | 14.175 | Good | 4.74 | 3152.0 | 7.07 | 128.30 | 358.3 | 20.9 | Low | Slight white | No odour | No sheen | HydraSleeve™ |
| 0861 | MW025 | 15/04/2025 | 10.50 | 6/05/2025 | Alluvium | On-base Bremer River | 7.4-11.4 | 12.200 | 8.393 | 25.420 | 17.027 | Good | 2.20 | 584.0 | 7.5 | 182.70 | 412.7 | 22.6 | Clear | Colourless | No odour | No sheen | HydraSleeve™ |
| 0861 | MW026 | 14/04/2025 | 16.00 | 1/05/2025 | Tertiary Formation | CPSA W | 14.5-17.5 | 17.484 | 11.062 | 40.240 | 29.178 | Good | 2.30 | 25528.0 | 6.61 | -55.50 | 174.5 | 24.2 | Medium | Beige | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW028 | 14/04/2025 | 12.50 | 29/04/2025 | Alluvium | CPSA M | 10.5-14.5 | 14.144 | 9.366 | 20.830 | 11.464 | Good | 5.36 | 4346.0 | 7.10 | -21.00 | 209.0 | 22.4 | Low/no | White | No odour | No sheen | HydraSleeve™ |
| 0861 | MW029 | 14/04/2025 | 9.00 | 29/04/2025 | Alluvium | CPSA M | 7.0-10.0 | 10.920 | 7.852 | 18.230 | 10.378 | Good | 6.00 | 5037.0 | 6.91 | 4.60 | 234.6 | 24.6 | Low/medium | White/grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW030 | 14/04/2025 | 19.50 | 28/04/2025 | Walloon Coal Measures | CPSA W | 17.0-21.0 | 21.915 | 14.982 | 35.840 | 20.858 | Good | 7.94 | 371.2 | 7.53 | 54.60 | 284.6 | 23.0 | Clear | Colourless | No odour | No sheen | HydraSleeve™ |
| 0861 | MW031 | 14/04/2025 | 16.50 | 28/04/2025 | Tertiary Formation | CPSA W | 14.5-20.5 | 18.392 | 15.491 | 33.450 | 17.959 | Good | 7.19 | 7581.0 | 6.56 | 69.10 | 299.1 | 22.1 | Low | Light brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW032 | 14/04/2025 | 12.50 | 7/05/2025 | Alluvium | CPSA D | 8.0-14.0 | 14.620 | 9.130 | 26.280 | 17.150 | Good | 4.31 | 500.0 | 7.1 | 66.40 | 296.4 | 22.4 | Clear | White | No odour | No sheen | HydraSleeve™ |
| 0861 | MW033 | 15/04/2025 | 32.00 | 30/04/2025 | Walloon Coal Measures | CPSA A | 29.0-33.0 | 34.935 | 23.608 | 42.456 | 18.848 | Good | 2.27 | 142.6 | 6.53 | -19.90 | 210.1 | 22.4 | Low | Slight white | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW034 | 28/04/2025 | 8.00 | 29/04/2025 | Alluvium | On-base Bremer River | 5.0-10.0 | 10.485 | 7.255 | 24.305 | 17.050 | Good | 5.07 | 378.9 | 7.46 | -129.00 | 101.0 | 22.3 | Medium | Brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW035 | 16/04/2025 | 12.00 | 1/05/2025 | Alluvium | On-base Bremer River | 8.0-13.5 | 14.690 | 9.828 | 24.999 | 15.171 | Good | 4.15 | 1461.0 | 6.64 | -79.90 | 150.1 | 22.4 | Clear | Colourless | No odour | No sheen | HydraSleeve™ |
| 0861 | MW036 | 15/04/2025 | 13.00 | 29/04/2025 | Alluvium | CPSA M | 10.2-15.2 | 14.980 | 12.189 | 24.040 | 11.851 | Good | 7.41 | 1066.0 | 7.09 | 16.30 | 246.3 | 23.1 | Low | Light beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW037 | 14/04/2025 | 9.00 | 30/04/2025 | Alluvium | CPSA C | 5.0-10.0 | 11.022 | 6.765 | 25.219 | 18.454 | Good | 5.06 | 3809.0 | 6.75 | -53.70 | 176.3 | 21.4 | Clear | Colourless | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW041 | 22/10/2024 | 13.00 | 29/04/2025 | Walloon Coal Measures | CPSA X | 11.5-14.5 | 14.586 | 9.590 | 46.383 | 36.793 | Good | 3.41 | 300.9 | 6.87 | -18.40 | 211.6 | 22.9 | Low | Brown/grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW042 | 22/10/2024 | 27.00 | 2/05/2025 | Walloon Coal Measures | CPSA W | 24.0-30.0 | 29.400 | 21.373 | 40.036 | 18.663 | Good | 1.91 | 1105.0 | 7.2 | -22.50 | 207.5 | 24.2 | Clear | Yellow | Solvent odour | No sheen | HydraSleeve™ |
| 0861 | MW043 | 22/10/2024 | 19.50 | 2/05/2025 | Walloon Coal Measures | CPSA W | 18.0-21.0 | 20.804 | 11.720 | 49.182 | 37.462 | Good | 2.37 | 5625.0 | 6.6 | -72.50 | 157.5 | 23.0 | Clear/no | Yellow | Organic odour | No sheen | HydraSleeve™ |
| 0861 | MW044 | 23/10/2024 | 9.50 | 29/04/2025 | Alluvium | On-base Bremer River | 8.0-11.0 | 11.185 | 7.934 | 20.311 | 12.377 | Good | 2.52 | 336.7 | 6.77 | -101.20 | 128.8 | 23.7 | Medium | Brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW046 | 22/10/2024 | 9.50 | 7/05/2025 | Tertiary Formation | CPSA V | 8.2-11.2 | 10.238 | 6.399 | 26.001 | 19.602 | Good | 2.29 | 401.7 | 7.2 | 97.10 | 327.1 | 24.5 | Clear | Yellow | No odour | No sheen | HydraSleeve™ |
| 0861 | MW047 | 21/10/2024 | 11.50 | 7/05/2025 | Tertiary Formation | CPSA B | 10.5-13.5 | 13.221 | 9.173 | 26.265 | 17.092 | Good | 1.88 | 864.0 | 7.1 | 20.00 | 250.0 | 21.2 | Clear | Yellow | Solvent odour | No sheen | HydraSleeve™ |
| 0861 | MW048 | 23/10/2024 | 9.00 | 30/04/2025 | Alluvium | CPSA E | 7.5-10.5 | 10.350 | 7.171 | 23.108 | 15.937 | Good | 3.61 | 280.6 | 6.79 | -28.30 | 201.7 | 22.2 | Low | Beige | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW049 | 23/10/2024 | 9.00 | 30/04/2025 | Alluvium | CPSA DD | 7.5-10.5 | 10.425 | 7.634 | 22.044 | 14.410 | Good | 3.30 | 313.2 | 6.49 | -82.60 | 147.4 | 21.6 | Low/no | Beige | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW050 | 22/10/2024 | 13.00 | 2/05/2025 | Alluvium | CPSA G | 11.5-14.5 | 14.354 | 9.630 | 24.317 | 14.687 | Good | 4.95 | 532.0 | 7.1 | -77.20 | 152.8 | 21.8 | Low | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW054D | 7/11/2024 | 19.50 | 28/04/2025 | Walloon Coal Measures | Off-base Warril Creek | 18.0-21.0 | 21.064 | 5.248 | 20.454 | 15.206 | Good | 1.29 | 2315 | 6.67 | -114.70 | 115.3 | 24.0 | High | Dark brown/grey | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW054S | 7/11/2024 | 6.00 | 28/04/2025 | Alluvium | Off-base Warril Creek | 4.0-7.0 | 6.886 | 4.745 | 20.380 | 15.635 | Good | 3.74 | 2439.0 | 6.72 | -123.60 | 106.4 | 22.6 | Medium | Light brown | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW055D | 23/10/2024 | 32.00 | 1/05/2025 | Walloon Coal Measures | On-base Bremer River | 28.0-34.0 | 34.445 | 7.491 | 22.196 | 14.705 | Good | 3.71 | 6387.0 | 7.51 | -10.50 | 219.5 | 20.9 | Low | Slight white/grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW055S | 23/10/2024 | 10.50 | 1/05/2025 | Alluvium | On-base Bremer River | 9.0-12.0 | 11.570 | 7.670 | 22.140 | 14.470 | Good | 2.53 | 491.0 | 6.91 | -95.00 | 135.0 | 20.3 | Low | Grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW056I | 7/11/2024 | 14.50 | 29/04/2025 | Tertiary Formation | Off-base Bremer River | 12.5-15.5 | 17.748 | 4.736 | 14.762 | 10.026 | Good | 1.97 | 243.9 | 6.81 | 133.00 | 363.0 | 24.7 | High | Brown | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW056S | 6/11/2024 | 8.50 | 29/04/2025 | Alluvium | Off-base Bremer River | 6.5-9.5 | 9.535 | 5.003 | 15.078 | 10.075 | Good | 4.29 | 1300.0 | 6.61 | -90.10 | 139.9 | 23.3 | High | Dark grey | Sour odour | No sheen | HydraSleeve™ |
| 0861 | MW057I | 5/11/2024 | 14.00 | 28/04/2025 | Tertiary Formation | Off-base Warril Creek | 12.5-15.5 | 15.650 | 5.051 | 16.494 | 11.443 | Good | 2.58 | 415.1 | 6.66 | -120.70 | 109.3 | 22.5 | Low | Yellow brown | Organic odour | No sheen | HydraSleeve™ |
| 0861 | MW057S | 5/11/2024 | 7.50 | 28/04/2025 | Alluvium | Off-base Warril Creek | 5.5-8.5 | 8.406 | 4.199 | 16.479 | 12.280 | Good | 1.35 | 496.7 | 6.62 | -111.70 | 118.3 | 23.3 | Low | Light brown | Organic odour | No sheen | HydraSleeve™ |
| 0861 | MW309 | 7/05/2025 | 18.00 | 8/05/2025 | Tertiary Formation | CPSA M | 13.0-19.0 | 19.431 | 10.000 | 28.607 | 18.607 | Good | 2.42 | 12009.0 | 6.7 | 461.20 | 691.2 | 24.9 | Low | Light grey | No odour | No sheen | HydraSleeve™ |
| 0861 | MW535 | 15/04/2025 | 12.00 | 6/05/2025 | Alluvium | CPSA A | 8.5-13.5 | 14.160 | 9.043 | 25.331 | 16.288 | Good | 2.92 | 1090.0 | 7.2 | 179.30 | 409.3 | 23.1 | Medium | Light brown | No odour | No sheen | HydraSleeve™ |
| 0861 | MW536 | 15/04/2025 | 9.00 | 6/05/2025 | Alluvium | CPSA A | 6.5-10.5 | 11.232 | 7.345 | 25.170 | 17.825 | Good | 2.97 | 1144.0 | 7.5 | 122.00 | 352.0 | 22.6 | Low | Light beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW537 | 22/10/2024 | 17.50 | 1/05/2025 | Tertiary Formation | CPSA Y | 15-19 | 19.585 | 14.880 | 34.781 | 19.901 | Good | 0.92 | 23610.0 | 6.45 | -47.90 | 182.1 | 23.8 | Clear | Grey | Sulfuric odour | No sheen | HydraSleeve™ |
| 0861 | MW538 | 23/10/2024 | 15.50 | 1/05/2025 | Alluvium | CPSA A | 13.5-17 | 18.151 | 11.785 | 25.218 | 13.433 | Good | 5.23 | 8012.0 | 6.56 | 136.00 | 366.0 | 21.3 | Medium | Beige | No odour | No sheen | HydraSleeve™ |
| 0861 | MW539 | 22/10/2024 | 13.50 | 7/05/2025 | Tertiary Formation | CPSA A | 12-15 | 15.471 | 10.346 | 30.288 | 19.942 | Good | 4.40 | 153.3 | 7.0 | 95.00 | 325.0 | 23.6 | Low | Light beige | No odour | No sheen | HydraSleeve™ |

Notes
All HydraSleeves™ were installed a minimum of 24 hours prior to sampling where possible
DO - Dissolved Oxygen
EC - Electrical Conductivity
Er - converted to Eh by adding 205 based on YSI with Ag/AgCl sensor calibrated to a 3.5 molar KCL solution
Eh - Corrected Oxidation Reduction Potential
'-' no data
mg/L - milligrams per litre
µS/cm - micro siemens per centimetre
mV - millivolts
°C - degrees Celsius
m - metres
m btoc - metres below top of casing
m AHD - metres above Australian Height Datum
TOC - Top of Casing

# TABLE B-3: Surface Water Field Parameters

| Location ID | Location | Sample Date | DO (mg/L) | EC (µS/cm) | pH | Er (mV) | Eh (mV) | Temp (°C) | Turbidity | Odour | Sheen | Sample Method/Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW002 | Drain | 7/05/2025 | 3.81 | 178.9 | 7.48 | 54.6 | 284.6 | 19.7 | Clear, colourless | No odour | No sheen | Grab sample |
| SW003 | Drain | 6/05/2025 | 4.53 | 101.0 | 7.49 | 100.1 | 330.1 | 22.2 | Slight beige, clear | No odour | No sheen | Grab sample |
| SW004 | Warrill Creek | 30/04/2025 | 5.86 | 531.0 | 7.66 | 2.3 | 232.3 | 21.2 | Low turbid | No odour | No sheen | Grab sample |
| SW005 | Warrill Creek | 30/04/2025 | 5.69 | 529.0 | 7.72 | 5.5 | 235.5 | 21.0 | Clear | No odour | No sheen | Grab sample |
| SW008 | Drain | 30/04/2025 | 5.69 | 529.0 | 7.72 | 5.6 | 235.6 | 21.0 | Clear, colourless | No odour | No sheen | Grab sample |
| SW009 | Warrill Creek | 7/05/2025 | 6.28 | 623.0 | 8.12 | 53.3 | 283.3 | 19.3 | Light beige, clear | No odour | No sheen | Grab sample |
| SW011 | Drain | 7/05/2025 | 2.51 | 306.3 | 6.92 | 46.2 | 276.2 | 19.5 | Dark brown, medium turbid | No odour | No sheen | Grab sample |
| SW015 | Warrill Creek | 30/04/2025 | 5.10 | 304.1 | 7.87 | 4.0 | 234.0 | 21.0 | Low/med turbid | No odour | No sheen | Grab sample |
| SW016 | Warrill Creek | 30/04/2025 | 9.60 | 533.0 | 7.82 | 27.1 | 257.1 | 20.8 | White, low turbid | No odour | No sheen | Grab sample |
| SW018 | Warrill Creek | 30/04/2025 | 5.80 | 538.0 | 7.93 | 14.6 | 244.6 | 21.0 | Low turbid | No odour | No sheen | Grab sample |
| SW020 | Warrill Creek | 30/04/2025 | 5.42 | 745.0 | 8.23 | 16.0 | 246.0 | 20.6 | Beige, low/not turbid | No odour | No sheen | Grab sample |
| SW021 | Drain | 28/04/2025 | 6.48 | 533.0 | 7.55 | 19.5 | 249.5 | 23.3 | Yellow, clear | No odour | No sheen | Grab sample |
| SW022 | Warrill Creek | 30/04/2025 | 3.46 | 300.9 | 7.48 | -5.7 | 224.3 | 22.5 | Low turbid | No odour | No sheen | Grab sample |
| SW023 | Warrill Creek | 30/04/2025 | 6.45 | 541.0 | 7.97 | 4.0 | 234.0 | 21.1 | Clear | No odour | No sheen | Grab sample |
| SW025 | Bremer River | 1/05/2025 | 3.89 | 758.0 | 7.74 | -68.1 | 161.9 | 22.2 | Beige, low turbid | No odour | No sheen | Grab sample |
| SW026 | Warrill Creek | 29/04/2025 | 6.01 | 589.0 | 7.81 | 11.8 | 241.8 | 22.4 | Beige, no/low turbid | No odour | No sheen | Grab sample |
| SW027 | Drain | 6/05/2025 | 2.91 | 430.0 | 7.40 | 79.8 | 309.8 | 19.4 | Clear, colourless | No odour | No sheen | Grab sample |
| SW028 | Drain | 30/04/2025 | 4.67 | 529.0 | 7.32 | -2.4 | 227.6 | 25.0 | Yellow, low turbid | No odour | No sheen | Grab sample |
| SW030 | Drain | 7/05/2025 | 4.50 | 473.6 | 8.08 | 38.1 | 268.1 | 19.5 | Slight yellow, clear | No odour | No sheen | Grab sample |
| SW032 | Warrill Creek | 30/04/2025 | 5.68 | 520.0 | 7.77 | 20.3 | 250.3 | 20.7 | Low turbid | No odour | No sheen | Grab sample |
| SW033 | Drain | 2/05/2025 | 4.01 | 30.6 | 8.13 | 67.9 | 297.9 | 21.4 | Light brown, medium turbid | No odour | No sheen | Grab sample |
| SW034 | Warrill Creek | 30/04/2025 | 8.60 | 527.0 | 7.77 | 31.4 | 261.4 | 20.9 | Low turbid | No odour | No sheen | Grab sample |
| SW036 | Bremer River | 1/05/2025 | 4.10 | 731.0 | 7.95 | 35.8 | 265.8 | 20.4 | Clear, low turbidity | No odour | No sheen | Grab sample |
| SW037 | Drain | 1/05/2025 | 1.08 | 266.9 | 6.64 | -33.1 | 196.9 | 21.9 | Clear, colourless | No odour | No sheen | Grab sample |
| SW038 | Drain | 6/05/2025 | - | - | - | - | - | - | - | - | - | DRY |
| SW039 | Bremer River | 1/05/2025 | 6.22 | 738.0 | 7.83 | 15.9 | 245.9 | 20.0 | Beige, low turbid | No odour | No sheen | Grab sample |
| SW040 | Bremer River | 1/05/2025 | 3.31 | 602.0 | 7.79 | 13.6 | 243.6 | 21.1 | Light beige, low/no turbid | No odour | No sheen | Grab sample |
| SW041 | Drain | 6/05/2025 | 2.40 | 312.6 | 7.07 | 156.6 | 386.6 | 17.3 | Clear, colourless | No odour | No sheen | Grab sample |
| SW043 | Warrill Creek | 29/04/2025 | 7.14 | 560.0 | 7.50 | -12.4 | 217.6 | 20.3 | Beige, low/no turbid | No odour | No sheen | Grab sample |
| SW045 | Bremer River | 29/04/2025 | 5.92 | 562.0 | 7.63 | -28.3 | 201.7 | 22.1 | Yellow, medium turbid | Organic | No sheen | Grab sample |
| SW047 | Bremer River | 28/04/2025 | 5.46 | 623.0 | 7.70 | 20.9 | 250.9 | 20.7 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW048 | Drain | 6/05/2025 | 3.50 | 102.7 | 7.67 | 26.3 | 256.3 | 19.1 | Slight yellow, clear | No odour | No sheen | Grab sample |
| SW049 | Drain | 28/04/2025 | 6.54 | 138.7 | 7.40 | -26.1 | 203.9 | 27.6 | Yellow, clear | No odour | No sheen | Grab sample |
| SW050 | Bremer River | 1/05/2025 | 4.21 | 429.4 | 7.64 | 70.3 | 300.3 | 19.1 | Slight yellow, clear | No odour | No sheen | Grab sample |
| SW051 | Bremer River | 29/04/2025 | 6.53 | 645.0 | 7.66 | -14.3 | 215.7 | 20.9 | Light brown, low turbid | No odour | No sheen | Grab sample |
| SW052 | Bremer River | 28/04/2025 | 8.28 | 755.0 | 7.83 | 10.8 | 240.8 | 20.6 | Low turbid | No odour | No sheen | Grab sample |
| SW053 | Drain | 6/05/2025 | 5.38 | 441.8 | 7.60 | 151.8 | 381.8 | 23.1 | Clear, colourless | No odour | No sheen | Grab sample |
| SW056 | Drain | 7/05/2025 | 4.06 | 229.8 | 7.36 | 142.2 | 372.2 | 20.9 | Clear, colourless | No odour | No sheen | Grab sample |
| SW059 | Drain | 1/05/2025 | 4.08 | 644.0 | 7.14 | -93.4 | 136.6 | 21.6 | Light brown, high turbid | No odour | No sheen | Grab sample |
| SW064 | Drain | 6/05/2025 | 6.65 | 287.1 | 6.94 | 342.1 | 572.1 | 21.9 | Light brown, clear | No odour | No sheen | Grab sample |
| SW067 | Drain | 6/05/2025 | 3.68 | 174.1 | 6.45 | 197.4 | 427.4 | 19.0 | Brown/yellow, clear | No odour | No sheen | Grab sample |
| SW076 | Drain | 7/05/2025 | 4.77 | 244.7 | 7.65 | 99.3 | 329.3 | 21.5 | Slight beige, clear | No odour | No sheen | Grab sample |
| SW079 | Drain | 6/05/2025 | 4.03 | 334.7 | 7.15 | 98.4 | 328.4 | 17.0 | Clear, colourless | No odour | No sheen | Grab sample |
| SW080 | Drain | 6/05/2025 | 3.55 | 376.1 | 7.49 | 58.9 | 288.9 | 21.8 | Clear, colourless | No odour | No sheen | Grab sample |
| SW088 | Bremer River | 28/04/2025 | 4.98 | 634.0 | 7.75 | 15.6 | 245.6 | 21.0 | Clear | No odour | No sheen | Grab sample |
| SW089 | Bremer River | 2/05/2025 | 5.34 | 563.0 | 7.79 | -54.4 | 175.6 | 18.9 | Clear, colourless | No odour | No sheen | Grab sample |
| SW090 | Bremer River | 2/05/2025 | 4.60 | 721.0 | 7.83 | -61.4 | 168.6 | 18.9 | Grey, low turbid | No odour | No sheen | Grab sample |
| SW091 | Bremer River | 2/05/2025 | 4.27 | 722.0 | 7.92 | -105.6 | 124.4 | 19.2 | Clear, colourless | No odour | No sheen | Grab sample |
| SW094 | Bremer River | 1/05/2025 | 5.17 | 749.0 | 7.94 | 70.2 | 300.2 | 22.8 | Clear, low turbidity | No odour | No sheen | Grab sample |
| SW096 | Bremer River | 29/04/2025 | 7.06 | 641.0 | 7.78 | -22.7 | 207.3 | 20.7 | Light brown, medium turbid | No odour | No sheen | Grab sample |
| SW098 | Bremer River | 29/04/2025 | 6.74 | 632.0 | 7.63 | -31.1 | 198.9 | 20.4 | Beige, low turbid | No odour | No sheen | Grab sample |
| SW099 | Warrill Creek | 29/04/2025 | 6.00 | 604.0 | 8.06 | -53.0 | 177.0 | 21.6 | Beige, low/no turbid | No odour | No sheen | Grab sample |
| SW100 | Warrill Creek | 29/04/2025 | 6.75 | 528.0 | 7.33 | -17.5 | 212.5 | 20.7 | Light beige, low turbid | No odour | No sheen | Grab sample |
| SW530 | Drain | 30/04/2025 | 5.56 | 464.3 | 9.20 | -28.9 | 201.1 | 24.8 | Slight yellow, clear | No odour | No sheen | Grab sample |
| SW656 | Bremer River | 2/05/2025 | 2.39 | 117.8 | 7.24 | -130.9 | 99.1 | 14.9 | Yellow/green, low turbid | No odour | No sheen | Grab sample |
| SW657 | Warrill Creek | 30/04/2025 | - | - | - | - | - | - | - | - | - | DRY |
| SW658 | Drain | 29/04/2025 | 5.06 | 634.0 | 7.77 | 2.1 | 232.1 | 20.7 | Light brown, nlow turbid | No odour | No sheen | Grab sample |
| SW659 | Warrill Creek | 29/04/2025 | - | - | - | - | - | - | - | - | - | DRY |
| SW660 | Warrill Creek | 29/04/2025 | - | - | - | - | - | - | - | - | - | DRY |
| SW661 | Drain | 28/04/2025 | 6.95 | 435.8 | 7.29 | -25.2 | 204.8 | 20.7 | Low turbid | No odour | No sheen | Grab sample |
| SW662 | Drain | 1/05/2025 | - | - | - | - | - | - | - | - | - | DRY |

Notes
m - metres
DO - Dissolved Oxygen
EC - Electrical Conductivity
Er - converted to Eh by adding 205 based on YSI with Ag/AgCl sensor calibrated to a 3.5 molar KCL solution
Eh - Corrected Oxidation Reduction Potential
` - ` no data
mg/L - milligrams per litre
µS/cm - micro siemens per centimetre
mV - millivolts
°C - degrees Celsius

# Appendix C Analytical Summary Tables

**Table C-1: Groundwater Analytical Summary Tables**

**Table C-2: Surface Water Analytical Summary Tables**

**Table C-3: Historical Groundwater Analytical Summary Tables**

**Table C-4: Historical Surface Water Analytical Summary Tables**

JBS&G

## Table C-1: Groundwater Analytical Summary Table

| | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NHMRC 2025 Drinking Water | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | 0.13 | | | | | | | 220 | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | 0.00023 | | | | | | | 19 | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | 10 | | | | | | |

| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_25 | MW002 | 0861_MW002_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW005 | 0861_MW005_250507 | 07 May 2025 | Normal | 1217993 | 0.02 | 0.01 | 0.07 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW006 | 0861_MW006_250506 | 06 May 2025 | Normal | 1217993 | 2.8 | 2.3 | 16 | 0.75 | 130 | 1.7 | 0.19 | 0.62 | 1.6 | 4.0 | 0.75 | 1.3 | 0.08 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW007 | 0861_MW007_250506 | 06 May 2025 | Normal | 1217993 | 0.32 | 0.30 | 2.3 | 0.14 | 4.6 | <0.01 | <0.01 | 0.05 | 0.11 | 0.51 | 0.08 | 0.15 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW012 | 0861_MW012_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW020 | 0861_MW020_250507 | 07 May 2025 | Normal | 1217993 | 0.24 | 0.22 | 2.1 | 0.14 | 8.6 | 0.03 | <0.01 | 0.13 | 0.45 | 0.81 | 0.18 | 0.27 | 0.09 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW020 | 0861_QC110_250507 | 07 May 2025 | Field_D | 1217993 | 0.33 | 0.33 | 2.6 | 0.18 | 13 | 0.05 | <0.01 | 0.17 | 0.62 | 1.1 | 0.24 | 0.38 | 0.13 | 0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW020 | 0861_QC210_250507 | 07 May 2025 | Interlab_D | 380688 | 0.26 | 0.37 | 3.3 | 0.30 | 14 | - | <0.02 | <0.1 | 0.53 | 0.76 | 0.26 | 0.44 | 0.12 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 |
| QLD_0861_PFASOMP_25 | MW021 | 0861_MW021_250430 | 30 Apr 2025 | Normal | 1215849 | 0.49 | 0.77 | 9.0 | 0.38 | 26 | <0.1 | <0.1 | 0.17 | 0.26 | 1.3 | 0.25 | 1.1 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW022 | 0861_MW022_250430 | 30 Apr 2025 | Normal | 1215849 | 0.03 | 0.03 | 0.22 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW023 | 0861_MW023_250506 | 06 May 2025 | Normal | 1217993 | 0.43 | 0.32 | 1.3 | 0.02 | 0.17 | <0.01 | <0.01 | <0.05 | 0.03 | 0.10 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW024 | 0861_MW024_250501 | 01 May 2025 | Normal | 1215849 | 0.02 | 0.02 | 0.13 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW025 | 0861_MW025_250506 | 06 May 2025 | Normal | 1217993 | 0.30 | 0.15 | 1.2 | 0.05 | 1.1 | <0.01 | <0.01 | 0.24 | 0.38 | 0.59 | 0.13 | 0.13 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW026 | 0861_MW026_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW028 | 0861_MW028_250429 | 29 Apr 2025 | Normal | 1215849 | 0.73 | 0.60 | 5.1 | 0.38 | 15 | <0.01 | <0.01 | 0.18 | 0.23 | 1.2 | 0.21 | 0.49 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW029 | 0861_MW029_250429 | 29 Apr 2025 | Normal | 1215849 | 0.71 | 0.71 | 5.2 | 0.24 | 3.7 | <0.01 | <0.01 | 0.15 | 0.19 | 0.94 | 0.14 | 0.26 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW029 | 0861_QC102_250429 | 29 Apr 2025 | Field_D | 1215849 | 0.69 | 0.59 | 4.8 | 0.34 | 3.5 | <0.01 | <0.01 | 0.13 | 0.18 | 0.90 | 0.15 | 0.19 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW029 | 0861_QC202_250429 | 29 Apr 2025 | Interlab_D | MGE0150 | 0.76 | 0.80 | 5.0 | 0.33 | 4.0 | - | <0.020 | 0.19 | 0.18 | 0.99 | 0.16 | 0.26 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 | <0.50 |
| QLD_0861_PFASOMP_25 | MW030 | 0861_MW030_250428 | 28 Apr 2025 | Normal | 1215849 | 5.1 | 4.9 | 17 | 0.48 | 0.38 | <0.01 | <0.01 | 1.0 | 1.9 | 11 | 2.2 | 2.2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW030 | 0861_QC101_250428 | 28 Apr 2025 | Field_D | 1215849 | 4.9 | 4.2 | 18 | 0.34 | 0.51 | <0.01 | <0.01 | 1.2 | 1.7 | 8.2 | 1.8 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW030 | 0861_QC201_250428 | 28 Apr 2025 | Interlab_D | MGE0150 | 5.5 | 5.8 | 21 | 0.51 | 0.60 | - | <0.020 | 1.5 | 1.9 | 12 | 2.4 | 2.7 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 | <0.50 |
| QLD_0861_PFASOMP_25 | MW031 | 0861_MW031_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW032 | 0861_MW032_250507 | 07 May 2025 | Normal | 1217993 | 2.0 | 1.3 | 8.8 | 0.68 | 37 | 0.18 | <0.1 | 0.51 | 0.79 | 3.2 | 0.87 | 1.7 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW033 | 0861_MW033_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW034 | 0861_MW034_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW035 | 0861_MW035_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW036 | 0861_MW036_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW037 | 0861_MW037_250430 | 30 Apr 2025 | Normal | 1215849 | 2.1 | 1.7 | 7.0 | 0.14 | 0.24 | <0.01 | <0.01 | 0.30 | 0.46 | 1.7 | 0.22 | 0.18 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW041 | 0861_MW041_250429 | 29 Apr 2025 | Normal | 1215849 | 0.16 | 0.06 | 0.29 | <0.01 | 0.33 | <0.01 | <0.01 | 0.19 | 0.14 | 0.26 | 0.02 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW042 | 0861_MW042_250502 | 02 May 2025 | Normal | 1215849 | 0.02 | <0.01 | 0.05 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW043 | 0861_MW043_250502 | 02 May 2025 | Normal | 1215849 | 0.13 | 0.03 | 0.09 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | 0.04 | 0.09 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW044 | 0861_MW044_250429 | 29 Apr 2025 | Normal | 1215849 | 0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.03 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW046 | 0861_MW046_250507 | 07 May 2025 | Normal | 1217993 | 0.42 | 0.31 | 2.4 | 0.29 | 8.7 | 0.02 | <0.01 | 2.0 | 2.0 | 1.3 | 0.28 | 0.50 | 0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW047 | 0861_MW047_250507 | 07 May 2025 | Normal | 1217993 | 9.6 | 5.6 | 29 | 1.4 | 98 | 0.56 | 0.14 | 1.7 | 3.0 | 8.2 | 1.0 | 1.6 | 0.09 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW048 | 0861_MW048_250430 | 30 Apr 2025 | Normal | 1215849 | 0.15 | 0.14 | 2.1 | 0.07 | 2.8 | <0.01 | <0.01 | 0.10 | 0.10 | 0.36 | 0.04 | 0.12 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW049 | 0861_MW049_250430 | 30 Apr 2025 | Normal | 1215849 | 0.39 | 0.23 | 1.6 | 0.04 | 1.1 | <0.01 | <0.01 | 0.14 | 0.16 | 0.56 | 0.08 | 0.10 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW050 | 0861_MW050_250502 | 02 May 2025 | Normal | 1215849 | 0.02 | <0.01 | 0.04 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW054D | 0861_MW054_D_250428 | 28 Apr 2025 | Normal | 1221796 | 0.04 | 0.02 | 0.10 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW054S | 0861_MW054_S_250428 | 28 Apr 2025 | Normal | 1221796 | 0.02 | <0.01 | 0.06 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW055D | 0861_MW055_D_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW055S | 0861_MW055_S_250501 | 01 May 2025 | Normal | 1215849 | 0.02 | 0.02 | 0.14 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | 0.01 | 0.03 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW056I | 0861_MW056_I_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW056S | 0861_MW056_S_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW057I | 0861_MW057_I_250428 | 28 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW057S | 0861_MW057_S_250428 | 28 Apr 2025 | Normal | 1215379 | 0.09 | 0.05 | 0.34 | <0.01 | 0.09 | <0.01 | <0.01 | <0.05 | 0.02 | 0.06 | 0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW309 | 0861_MW309_250508 | 08 May 2025 | Normal | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW535 | 0861_MW535_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | MW535 | 0861_QC109_250506 | 06 May 2025 | Field_D | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

## Table C-1: Groundwater Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | 10 | | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | MW535 | 0861_QC209_250506 | 06 May 2025 | Interlab_D | 380688 | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | - | *<0.02* | *<0.02* | *<0.02* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.02* | *<0.02* | *<0.05* | *<0.1* | *<0.5* |
| QLD_0861_PFASOMP_25 | MW536 | 0861_MW536_250506 | 06 May 2025 | Normal | 1217993 | **0.12** | **0.08** | **0.56** | **0.02** | **0.82** | *<0.01* | *<0.01* | **0.10** | **0.19** | **0.26** | **0.07** | **0.07** | **0.02** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* |
| QLD_0861_PFASOMP_25 | MW537 | 0861_MW537_250501 | 01 May 2025 | Normal | 1215849 | **0.20** | **0.09** | **0.23** | *<0.01* | **0.07** | *<0.01* | *<0.01* | **0.07** | **0.08** | **0.29** | **0.02** | **0.01** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* |
| QLD_0861_PFASOMP_25 | MW538 | 0861_MW538_250501 | 01 May 2025 | Normal | 1215849 | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* |
| QLD_0861_PFASOMP_25 | MW538 | 0861_QC106_250501 | 01 May 2025 | Field_D | 1215849 | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* |
| QLD_0861_PFASOMP_25 | MW538 | 0861_QC206_250501 | 01 May 2025 | Interlab_D | MGE0150 | *<0.010* | *<0.010* | *<0.010* | *<0.010* | *<0.010* | - | *<0.020* | *<0.020* | *<0.020* | *<0.010* | *<0.010* | *<0.010* | *<0.010* | *<0.020* | *<0.020* | *<0.050* | *<0.10* | *<0.50* |
| QLD_0861_PFASOMP_25 | MW539 | 0861_MW539_250507 | 07 May 2025 | Normal | 1217993 | **5.8** | **3.0** | **5.1** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | **0.69** | **1.0** | **4.4** | **0.37** | **0.07** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* |

**Environmental Standards**

NHMRC 2025 Drinking Water

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

JBS&G

## Table C-1: Groundwater Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | 2 | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | MW002 | 0861_MW002_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW005 | 0861_MW005_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** | **0.12** | **0.13** |
| QLD_0861_PFASOMP_25 | MW006 | 0861_MW006_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | **0.38** | **0.04** | <0.01 | **0.22** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **146** | **157.49** | **163.83** |
| QLD_0861_PFASOMP_25 | MW007 | 0861_MW007_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | **0.05** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **6.9** | **8.12** | **8.73** |
| QLD_0861_PFASOMP_25 | MW012 | 0861_MW012_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW020 | 0861_MW020_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | **0.06** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **10.7** | **12.84** | **13.36** |
| QLD_0861_PFASOMP_25 | MW020 | 0861_QC110_250507 | 07 May 2025 | Field_D | 1217993 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **15.6** | **18.52** | **19.28** |
| QLD_0861_PFASOMP_25 | MW020 | 0861_QC210_250507 | 07 May 2025 | Interlab_D | 380688 | <0.02 | **0.08** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **17** | - | **20** |
| QLD_0861_PFASOMP_25 | MW021 | 0861_MW021_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **35** | **38.57** | **39.85** |
| QLD_0861_PFASOMP_25 | MW022 | 0861_MW022_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.26** | **0.32** | **0.36** |
| QLD_0861_PFASOMP_25 | MW023 | 0861_MW023_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.47** | **2.04** | **2.52** |
| QLD_0861_PFASOMP_25 | MW024 | 0861_MW024_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** | **0.18** | **0.2** |
| QLD_0861_PFASOMP_25 | MW025 | 0861_MW025_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.3** | **4.07** | **4.36** |
| QLD_0861_PFASOMP_25 | MW026 | 0861_MW026_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.04** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW028 | 0861_MW028_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **20.1** | **23.14** | **24.57** |
| QLD_0861_PFASOMP_25 | MW029 | 0861_MW029_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.9** | **11.29** | **12.73** |
| QLD_0861_PFASOMP_25 | MW029 | 0861_QC102_250429 | 29 Apr 2025 | Field_D | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.3** | **10.54** | **11.85** |
| QLD_0861_PFASOMP_25 | MW029 | 0861_QC202_250429 | 29 Apr 2025 | Interlab_D | MGE0150 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | **9.0** | - | **13** |
| QLD_0861_PFASOMP_25 | MW030 | 0861_MW030_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **17.38** | **40.78** | **47.76** |
| QLD_0861_PFASOMP_25 | MW030 | 0861_QC101_250428 | 28 Apr 2025 | Field_D | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **18.51** | **38.31** | **44.05** |
| QLD_0861_PFASOMP_25 | MW030 | 0861_QC201_250428 | 28 Apr 2025 | Interlab_D | MGE0150 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | **22** | - | **54** |
| QLD_0861_PFASOMP_25 | MW031 | 0861_MW031_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW032 | 0861_MW032_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **45.8** | **54.96** | **57.56** |
| QLD_0861_PFASOMP_25 | MW033 | 0861_MW033_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW034 | 0861_MW034_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW035 | 0861_MW035_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW036 | 0861_MW036_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** | **0.06** | <0.1 |
| QLD_0861_PFASOMP_25 | MW037 | 0861_MW037_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **7.24** | **12.2** | **15.44** |
| QLD_0861_PFASOMP_25 | MW041 | 0861_MW041_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.62** | **1.42** | **1.61** |
| QLD_0861_PFASOMP_25 | MW042 | 0861_MW042_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.07** | **0.15** | **0.16** |
| QLD_0861_PFASOMP_25 | MW043 | 0861_MW043_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.14** | **0.42** | **0.52** |
| QLD_0861_PFASOMP_25 | MW044 | 0861_MW044_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | **0.09** | <0.1 |
| QLD_0861_PFASOMP_25 | MW046 | 0861_MW046_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | **0.66** | **0.07** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **11.1** | **18.33** | **19.15** |
| QLD_0861_PFASOMP_25 | MW047 | 0861_MW047_250507 | 07 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **127** | **152.1** | **163.69** |
| QLD_0861_PFASOMP_25 | MW048 | 0861_MW048_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **4.9** | **5.77** | **6.07** |
| QLD_0861_PFASOMP_25 | MW049 | 0861_MW049_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.7** | **4.13** | **4.56** |
| QLD_0861_PFASOMP_25 | MW050 | 0861_MW050_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** | **0.18** | **0.2** |
| QLD_0861_PFASOMP_25 | MW054D | 0861_MW054_D_250428 | 28 Apr 2025 | Normal | 1221796 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.15** | **0.22** | **0.24** |
| QLD_0861_PFASOMP_25 | MW054S | 0861_MW054_S_250428 | 28 Apr 2025 | Normal | 1221796 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** | **0.13** | **0.13** |
| QLD_0861_PFASOMP_25 | MW055D | 0861_MW055_D_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW055S | 0861_MW055_S_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.22** | **0.29** | **0.32** |
| QLD_0861_PFASOMP_25 | MW056I | 0861_MW056_I_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW056S | 0861_MW056_S_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW057I | 0861_MW057_I_250428 | 28 Apr 2025 | Normal | 1215379 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW057S | 0861_MW057_S_250428 | 28 Apr 2025 | Normal | 1215379 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.43** | **0.64** | **0.72** |
| QLD_0861_PFASOMP_25 | MW309 | 0861_MW309_250508 | 08 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW535 | 0861_MW535_250506 | 06 May 2025 | Normal | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | MW535 | 0861_QC109_250506 | 06 May 2025 | Field_D | 1217993 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |

## Table C-1: Groundwater Analytical Summary Table

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | 2 | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | MW535 | 0861_QC209_250506 | 06 May 2025 | Interlab_D | 380688 | *<0.01* | *<0.01* | *<0.02* | *<0.02* | *<0.1* | *<0.05* | *<0.02* | *<0.05* | *<0.1* | *<0.02* | *<0.5* | *<0.01* | - | *<0.01* |
| QLD_0861_PFASOMP_25 | MW536 | 0861_MW536_250506 | 06 May 2025 | Normal | 1217993 | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **1.38** | **2.19** | **2.34** |
| QLD_0861_PFASOMP_25 | MW537 | 0861_MW537_250501 | 01 May 2025 | Normal | 1215849 | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **0.3** | **0.97** | **1.21** |
| QLD_0861_PFASOMP_25 | MW538 | 0861_MW538_250501 | 01 May 2025 | Normal | 1215849 | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_25 | MW538 | 0861_QC106_250501 | 01 May 2025 | Field_D | 1215849 | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* | *<0.05* | *<0.1* |
| QLD_0861_PFASOMP_25 | MW538 | 0861_QC206_250501 | 01 May 2025 | Interlab_D | MGE0150 | *<0.010* | *<0.010* | *<0.020* | *<0.020* | *<0.10* | *<0.050* | *<0.020* | *<0.050* | *<0.10* | *<0.020* | *<0.50* | *<0.010* | - | *<0.010* |
| QLD_0861_PFASOMP_25 | MW539 | 0861_MW539_250507 | 07 May 2025 | Normal | 1217993 | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **5.1** | **17.43** | **23.03** |

**Environmental Standards**

NHMRC 2025 Drinking Water

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

JBS&G

## Table C-2: Surface Water Analytical Summary Table

| | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NHMRC 2025 Drinking Water | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | 0.13 | | | | | | | 220 | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | 0.00023 | | | | | | | 19 | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | 10 | | | | | |

| Project ID | Location Code | Field ID | Date | Sample Type | Lab Report Number | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QLD_0861_PFASOMP_25 | SW002 | 0861_SW002_250507 | 07 May 2025 | Normal | 1217988 | 0.12 | 0.12 | 0.75 | 0.02 | 1.0 | <0.01 | <0.01 | 0.16 | 0.33 | 0.37 | 0.14 | 0.14 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW003 | 0861_SW003_250506 | 06 May 2025 | Normal | 1217988 | 0.34 | 0.31 | 2.3 | 0.06 | 1.2 | <0.01 | <0.01 | 0.22 | 0.57 | 0.91 | 0.20 | 0.24 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_QC105_250430 | 30 Apr 2025 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_QC205_250430 | 30 Apr 2025 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | 0.023 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_SW004_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW005 | 0861_SW005_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW008 | 0861_SW008_250430 | 30 Apr 2025 | Normal | 1215849 | 0.58 | 0.40 | 2.0 | 0.10 | 2.7 | <0.01 | <0.01 | 0.22 | 0.11 | 0.36 | 0.01 | 0.47 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW009 | 0861_SW009_250507 | 07 May 2025 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW011 | 0861_SW011_250507 | 07 May 2025 | Normal | 1217988 | 0.11 | 0.12 | 0.92 | <0.1 | 0.90 | <0.1 | <0.1 | <0.5 | <0.1 | 0.25 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| QLD_0861_PFASOMP_25 | SW015 | 0861_SW015_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW016 | 0861_SW016_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW018 | 0861_SW018_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW020 | 0861_SW020_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW021 | 0861_SW021_250428 | 28 Apr 2025 | Normal | 1215849 | 1.1 | 1.1 | 5.7 | 0.16 | 7.1 | 0.03 | 0.01 | 0.63 | 0.76 | 1.8 | 0.29 | 0.53 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_QC104_250430 | 30 Apr 2025 | Field_D | 1215849 | 0.09 | 0.08 | 0.89 | 0.04 | 2.4 | <0.01 | <0.01 | <0.05 | 0.08 | 0.23 | 0.04 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_QC204_250430 | 30 Apr 2025 | Interlab_D | MGE0149 | 0.092 | 0.10 | 0.91 | 0.039 | 2.3 | - | <0.020 | <0.040 | 0.058 | 0.25 | 0.033 | 0.062 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_SW022_250430 | 30 Apr 2025 | Normal | 1215849 | 0.08 | 0.07 | 0.66 | 0.03 | 2.3 | <0.01 | <0.01 | <0.05 | 0.03 | 0.18 | 0.03 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW023 | 0861_SW023_250430 | 30 Apr 2025 | Normal | 1215849 | 0.19 | 0.20 | 2.3 | 0.09 | 3.7 | 0.01 | <0.01 | 0.06 | 0.06 | 0.25 | 0.03 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW025 | 0861_SW025_250501 | 01 May 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW026 | 0861_SW026_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW027 | 0861_SW027_250506 | 06 May 2025 | Normal | 1217988 | 0.15 | 0.20 | 1.7 | 0.07 | 3.6 | <0.01 | <0.01 | <0.05 | 0.07 | 0.36 | 0.04 | 0.08 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW028 | 0861_SW028_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | 0.03 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_QC111_250507 | 07 May 2025 | Field_D | 1217988 | 0.12 | 0.10 | 1.1 | 0.04 | 1.6 | <0.01 | <0.01 | 0.09 | 0.21 | 0.28 | 0.07 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_QC211_250507 | 07 May 2025 | Interlab_D | 380690 | 0.10 | 0.12 | 1.2 | 0.08 | 2.2 | - | <0.02 | 0.1 | 0.27 | 0.31 | 0.09 | 0.09 | 0.01 | <0.02 | <0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_SW030_250507 | 07 May 2025 | Normal | 1217988 | 0.10 | 0.09 | 1.1 | 0.05 | 1.9 | <0.01 | <0.01 | 0.09 | 0.20 | 0.29 | 0.07 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW032 | 0861_SW032_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW033 | 0861_SW033_250502 | 02 May 2025 | Normal | 1215849 | 2.6 | 3.4 | 22 | 0.75 | 38 | <0.1 | 0.26 | 2.2 | 2.5 | 7.0 | 1.2 | 3.4 | 0.13 | 0.03 | 0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW034 | 0861_SW034_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW036 | 0861_SW036_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW037 | 0861_SW037_250501 | 01 May 2025 | Normal | 1215849 | 0.44 | 0.45 | 3.2 | 0.11 | 1.4 | <0.01 | <0.01 | 0.21 | 0.30 | 1.0 | 0.14 | 0.22 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW039 | 0861_SW039_250501 | 01 May 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW040 | 0861_SW040_250501 | 01 May 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | 0.25 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW041 | 0861_SW041_250506 | 06 May 2025 | Normal | 1217988 | 1.3 | 1.3 | 11 | 0.51 | 6.8 | <0.01 | <0.01 | 0.30 | 0.45 | 1.8 | 0.28 | 0.51 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW043 | 0861_SW043_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW045 | 0861_SW045_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW047 | 0861_SW047_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW048 | 0861_SW048_250506 | 06 May 2025 | Normal | 1217988 | 0.04 | 0.03 | 0.25 | 0.02 | 0.56 | <0.01 | <0.01 | <0.05 | 0.03 | 0.15 | 0.02 | 0.05 | 0.02 | 0.02 | 0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW049 | 0861_SW049_250428 | 28 Apr 2025 | Normal | 1215849 | 0.03 | 0.02 | 0.17 | <0.01 | 0.51 | <0.01 | <0.01 | <0.05 | 0.02 | 0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_QC107_250501 | 01 May 2025 | Field_D | 1215849 | 0.09 | 0.08 | 0.56 | 0.02 | 0.53 | <0.01 | <0.01 | 0.07 | 0.10 | 0.22 | 0.05 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_QC207_250501 | 01 May 2025 | Interlab_D | MGE0149 | 0.10 | 0.094 | 0.70 | 0.017 | 0.73 | - | <0.020 | 0.061 | 0.17 | 0.30 | 0.059 | 0.081 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_SW050_250501 | 01 May 2025 | Normal | 1215849 | 0.09 | 0.08 | 0.57 | 0.02 | 0.52 | <0.01 | <0.01 | 0.06 | 0.11 | 0.22 | 0.05 | 0.07 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW051 | 0861_SW051_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW052 | 0861_SW052_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW053 | 0861_SW053_250506 | 06 May 2025 | Normal | 1217988 | <0.01 | <0.01 | 0.03 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW056 | 0861_SW056_250507 | 07 May 2025 | Normal | 1217988 | 0.52 | 0.51 | 2.9 | 0.10 | 3.1 | 0.01 | <0.01 | 0.27 | 0.68 | 0.97 | 0.26 | 0.38 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW059 | 0861_SW059_250501 | 01 May 2025 | Normal | 1215849 | 0.62 | 0.62 | 3.7 | 0.13 | 3.5 | <0.01 | <0.01 | 0.41 | 0.69 | 1.5 | 0.39 | 0.60 | 0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW064 | 0861_SW064_250506 | 06 May 2025 | Normal | 1217988 | 0.08 | 0.08 | 0.84 | 0.02 | 0.51 | <0.01 | <0.01 | <0.05 | <0.01 | 0.10 | 0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW067 | 0861_SW067_250506 | 06 May 2025 | Normal | 1217988 | 0.65 | 0.87 | 6.7 | 0.19 | 4.7 | <0.01 | <0.01 | 0.44 | 0.37 | 1.5 | 0.14 | 0.24 | 0.04 | 0.02 | <0.01 | <0.01 | <0.01 |

## Table C-2: Surface Water Analytical Summary Table

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | 10 | | | | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | SW076 | 0861_SW076_250507 | 07 May 2025 | Normal | 1217988 | **0.56** | **0.53** | **3.4** | **0.13** | **3.2** | <0.01 | <0.01 | **0.29** | **0.62** | **1.2** | **0.27** | **0.45** | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW079 | 0861_SW079_250506 | 06 May 2025 | Normal | 1217988 | **1.3** | **1.3** | **11** | **0.54** | **9.9** | <0.01 | <0.01 | **0.33** | **0.52** | **2.1** | **0.29** | **0.65** | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW080 | 0861_SW080_250506 | 06 May 2025 | Normal | 1217988 | **1.2** | **1.2** | **11** | **0.61** | **12** | <0.01 | <0.01 | **0.24** | **0.38** | **1.5** | **0.22** | **0.53** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW088 | 0861_SW088_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW089 | 0861_SW089_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW090 | 0861_SW090_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW091 | 0861_SW091_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW094 | 0861_SW094_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW096 | 0861_SW096_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW098 | 0861_SW098_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | **0.02** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_QC103_250429 | 29 Apr 2025 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_QC203_250429 | 29 Apr 2025 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_SW099_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW100 | 0861_SW100_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW530 | 0861_SW530_250430 | 30 Apr 2025 | Normal | 1215849 | **0.14** | **0.15** | **0.94** | **0.04** | **1.5** | <0.01 | <0.01 | **0.08** | **0.13** | **0.34** | **0.06** | **0.10** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW656 | 0861_QC108_250502 | 02 May 2025 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW656 | 0861_QC208_250502 | 02 May 2025 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 | <0.10 |
| QLD_0861_PFASOMP_25 | SW656 | 0861_SW656_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW658 | 0861_SW658_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | **0.02** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| QLD_0861_PFASOMP_25 | SW661 | 0861_SW661_250428 | 28 Apr 2025 | Normal | 1215849 | **0.02** | <0.01 | **0.14** | <0.01 | **0.43** | <0.01 | <0.01 | <0.05 | **0.02** | **0.04** | **0.01** | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

NHMRC 2025 Drinking Water

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

HEPA, March 2025, PFAS NEMP 2025 Recreational Water

JBS&G

## Table C-2: Surface Water Analytical Summary Table

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | | | 2 | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | SW002 | 0861_SW002_250507 | 07 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.75 | 3.01 | 3.22 |
| QLD_0861_PFASOMP_25 | SW003 | 0861_SW003_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 3.5 | 5.98 | 6.45 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_QC105_250430 | 30 Apr 2025 | Field_D | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_QC205_250430 | 30 Apr 2025 | Interlab_D | MGE0149 | | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | 0.023 | - | 0.023 |
| QLD_0861_PFASOMP_25 | SW004 | 0861_SW004_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW005 | 0861_SW005_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW008 | 0861_SW008_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 4.7 | 6.53 | 7.1 |
| QLD_0861_PFASOMP_25 | SW009 | 0861_SW009_250507 | 07 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW011 | 0861_SW011_250507 | 07 May 2025 | Normal | 1217988 | | <0.1 | <0.1 | <0.5 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | 1.82 | 2.18 | 2.3 |
| QLD_0861_PFASOMP_25 | SW015 | 0861_SW015_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW016 | 0861_SW016_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW018 | 0861_SW018_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW020 | 0861_SW020_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW021 | 0861_SW021_250428 | 28 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 12.8 | 17.91 | 19.5 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_QC104_250430 | 30 Apr 2025 | Field_D | 1215849 | | <0.01 | <0.01 | 0.19 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 3.29 | 3.99 | 4.15 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_QC204_250430 | 30 Apr 2025 | Interlab_D | MGE0149 | | <0.50 | <0.010 | 0.19 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | 3.2 | - | 4.0 |
| QLD_0861_PFASOMP_25 | SW022 | 0861_SW022_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | 0.22 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 2.96 | 3.54 | 3.68 |
| QLD_0861_PFASOMP_25 | SW023 | 0861_SW023_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 6 | 6.66 | 7.06 |
| QLD_0861_PFASOMP_25 | SW025 | 0861_SW025_250501 | 01 May 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW026 | 0861_SW026_250429 | 29 Apr 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.02 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW027 | 0861_SW027_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 5.3 | 6 | 6.33 |
| QLD_0861_PFASOMP_25 | SW028 | 0861_SW028_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | 0.08 | <0.1 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_QC111_250507 | 07 May 2025 | Field_D | 1217988 | | <0.01 | <0.01 | 0.10 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 2.7 | 3.64 | 3.84 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_QC211_250507 | 07 May 2025 | Interlab_D | 380690 | | <0.5 | <0.01 | 0.08 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | 3.4 | - | 4.6 |
| QLD_0861_PFASOMP_25 | SW030 | 0861_SW030_250507 | 07 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 3 | 3.87 | 4.07 |
| QLD_0861_PFASOMP_25 | SW032 | 0861_SW032_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW033 | 0861_SW033_250502 | 02 May 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | 0.01 | <0.01 | 0.13 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 60 | 78.91 | 84.08 |
| QLD_0861_PFASOMP_25 | SW034 | 0861_SW034_250430 | 30 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW036 | 0861_SW036_250501 | 01 May 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW037 | 0861_SW037_250501 | 01 May 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 4.6 | 6.91 | 7.78 |
| QLD_0861_PFASOMP_25 | SW039 | 0861_SW039_250501 | 01 May 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW040 | 0861_SW040_250501 | 01 May 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.01 | 0.26 | 0.26 |
| QLD_0861_PFASOMP_25 | SW041 | 0861_SW041_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 17.8 | 22.44 | 24.96 |
| QLD_0861_PFASOMP_25 | SW043 | 0861_SW043_250429 | 29 Apr 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW045 | 0861_SW045_250429 | 29 Apr 2025 | Normal | 1215379 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW047 | 0861_SW047_250428 | 28 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW048 | 0861_SW048_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.81 | 1.1 | 1.22 |
| QLD_0861_PFASOMP_25 | SW049 | 0861_SW049_250428 | 28 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.68 | 0.81 | 0.84 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_QC107_250501 | 01 May 2025 | Field_D | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.09 | 1.69 | 1.82 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_QC207_250501 | 01 May 2025 | Interlab_D | MGE0149 | | <0.50 | <0.010 | 0.017 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | 1.4 | - | 2.3 |
| QLD_0861_PFASOMP_25 | SW050 | 0861_SW050_250501 | 01 May 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.09 | 1.69 | 1.83 |
| QLD_0861_PFASOMP_25 | SW051 | 0861_SW051_250429 | 29 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW052 | 0861_SW052_250428 | 28 Apr 2025 | Normal | 1215849 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW053 | 0861_SW053_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | 0.06 | <0.1 |
| QLD_0861_PFASOMP_25 | SW056 | 0861_SW056_250507 | 07 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | 0.07 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 6 | 9.15 | 9.95 |
| QLD_0861_PFASOMP_25 | SW059 | 0861_SW059_250501 | 01 May 2025 | Normal | 1215849 | | <0.01 | <0.01 | 0.14 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 7.2 | 11.55 | 12.62 |
| QLD_0861_PFASOMP_25 | SW064 | 0861_SW064_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 1.35 | 1.57 | 1.7 |
| QLD_0861_PFASOMP_25 | SW067 | 0861_SW067_250506 | 06 May 2025 | Normal | 1217988 | | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 11.4 | 14.74 | 16.1 |

## Table C-2: Surface Water Analytical Summary Table

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.05 | 0.02 | 0.05 | 0.05 | 0.02 | 0.05 | 0.01 | 0.05 | 0.01 |
| NHMRC 2025 Drinking Water | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational Water | | | | | | | | | | | | | | | | | | 2 | | |
| **Project ID** | **Location Code** | **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | |
| QLD_0861_PFASOMP_25 | SW076 | 0861_SW076_250507 | 07 May 2025 | Normal | 1217988 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **6.6** | **10.07** | **10.96** |
| QLD_0861_PFASOMP_25 | SW079 | 0861_SW079_250506 | 06 May 2025 | Normal | 1217988 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **20.9** | **26.09** | **28.57** |
| QLD_0861_PFASOMP_25 | SW080 | 0861_SW080_250506 | 06 May 2025 | Normal | 1217988 | <0.01 | <0.01 | <0.05 | **0.02** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **23** | **27.09** | **29.48** |
| QLD_0861_PFASOMP_25 | SW088 | 0861_SW088_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW089 | 0861_SW089_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW090 | 0861_SW090_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW091 | 0861_SW091_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW094 | 0861_SW094_250501 | 01 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW096 | 0861_SW096_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW098 | 0861_SW098_250429 | 29 Apr 2025 | Normal | 1215379 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_QC103_250429 | 29 Apr 2025 | Field_D | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_QC203_250429 | 29 Apr 2025 | Interlab_D | MGE0149 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | <0.010 | - | <0.010 |
| QLD_0861_PFASOMP_25 | SW099 | 0861_SW099_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW100 | 0861_SW100_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW530 | 0861_SW530_250430 | 30 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | **0.12** | **0.01** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.44** | **3.42** | **3.77** |
| QLD_0861_PFASOMP_25 | SW656 | 0861_QC108_250502 | 02 May 2025 | Field_D | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW656 | 0861_QC208_250502 | 02 May 2025 | Interlab_D | MGE0149 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | <0.010 | - | <0.010 |
| QLD_0861_PFASOMP_25 | SW656 | 0861_SW656_250502 | 02 May 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW658 | 0861_SW658_250429 | 29 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.05 | <0.1 |
| QLD_0861_PFASOMP_25 | SW661 | 0861_SW661_250428 | 28 Apr 2025 | Normal | 1215849 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.57** | **0.68** | **0.68** |

**Environmental Standards**

NHMRC 2025 Drinking Water

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

HEPA, March 2025, PFAS NEMP 2025 Recreational Water

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW002 | 8/02/2018 | 0861-MW2_180208 | QLD_0861_PFAS | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW002 | 20/11/2019 | 0861_MW2_191120 | QLD_0861_PFAS | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW002 | 21/04/2020 | 0861_MW002_200421 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 21/04/2020 | 0861_QC210_200421 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | 0.097 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW002 | 13/10/2020 | 0861_MW002_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW002 | 13/04/2021 | 0861_MW002_210413 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 21/10/2021 | 0861_MW002_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 21/10/2021 | 0861_QC157_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 21/10/2021 | 0861_QC257_211021 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW002 | 31/03/2022 | 0861_MW002_220331 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 26/10/2022 | 0861_MW002_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 22/05/2023 | 0861_MW002_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 23/10/2023 | 0861_MW002_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 19/04/2024 | 0861_MW002_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 | <0.02 |
| MW002 | 29/10/2024 | 0861_MW002_241029 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW002 | 28/04/2025 | 0861_MW002_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW005 | 31/07/2012 | MW100 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW005 | 16/10/2012 | 5259_MW100_S_121016 | QLD_Hist_202012-3 | EB1226948 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW005 | 11/02/2013 | 5259_MW100_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | 0.05 | - | - | - | - | - | - | <0.02 | - |
| MW005 | 27/08/2013 | E0861_MW100_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW005 | 28/02/2017 | 0861_MW05_S_170228 | QLD_Hist_202012-3 | EB1703884 | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 12/10/2017 | 0861_MW05_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 7/05/2019 | 0861_MW5_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | 0.06 | <0.02 | 0.35 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | 0.02 | <0.02 |
| MW005 | 7/05/2019 | 0861_QC101_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | 0.06 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | 0.02 | <0.02 |
| MW005 | 7/05/2019 | 0861_QC201_190507 | QLD_0861_PFAS | 217521 | <0.01 | <0.01 | 0.07 | <0.01 | 0.33 | - | <0.02 | <0.02 | <0.02 | 0.03 | <0.01 | 0.02 | <0.01 |
| MW005 | 19/11/2019 | 0861_MW05_19119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 23/04/2020 | 0861_MW005_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.3 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 16/10/2020 | 0861_MW005_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 16/10/2020 | 0861_QC128_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 16/10/2020 | 0861_QC228_201016 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW005 | 21/04/2021 | 0861_MW005_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 27/10/2021 | 0861_MW005_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | 0.04 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 6/04/2022 | 0861_MW005_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | 0.05 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 24/10/2022 | 0861_MW005_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 21/04/2023 | 0861_MW005_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | 0.05 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 28/10/2023 | 0861_QC111_231028 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 28/10/2023 | 0861_QC211_231028 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | 0.037 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW005 | 30/10/2023 | 0861_MW005_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 15/04/2024 | 0861_MW005_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | 0.06 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW005 | 28/10/2024 | 0861_MW005_241028 | QLD_0861_PFASOMP_24a | 1155836 | 0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW005 | 7/05/2025 | 0861_MW005_250507 | QLD_0861_PFASOMP_25 | 1217993 | 0.02 | 0.01 | 0.07 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| MW006 | 30/07/2012 | MW101 | QLD_Hist_202012-3 | EB1220053 | - | - | - | - | 44.8 | - | - | - | - | - | - | 10.9 | - |
| MW006 | 15/10/2012 | 5259_MW101_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | 49.9 | - | - | - | - | - | - | 5.56 | - |
| MW006 | 22/01/2013 | 5259_MW101_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | 106 | - | - | - | - | - | - | 9.91 | - |
| MW006 | 27/08/2013 | E0861_MW101_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | 315 | - | - | - | - | - | - | 7.85 | - |
| MW006 | 21/02/2017 | 0861_MW06_S_170221 | QLD_Hist_202012-3 | EB1703368 | 3.76 | 2.68 | 20.5 | 2.07 | 152 | - | <0.02 | 0.6 | 1.97 | 6.43 | 0.67 | 2.44 | 0.06 |
| MW006 | 21/02/2017 | 0861_QC101_170221 | QLD_Hist_202012-3 | EB1703368 | 3.93 | 2.76 | 29.9 | 2.2 | 157 | - | <0.02 | 0.5 | 1.9 | 6.38 | 0.61 | 2.46 | 0.05 |
| MW006 | 21/02/2017 | 0861_QC201_170221 | QLD_Hist_202012-3 | 535101 | 1.9 | - | 21 | - | 190 | - | <0.3 | <1.5 | 1.1 | 5.4 | 0.85 | 2.2 | <0.3 |
| MW006 | 10/10/2017 | 0861_MW06_171010 | QLD_Hist_202012-3 | EB1720882 | 1.77 | 2.01 | 23.2 | 1.81 | 144 | - | <0.02 | 1 | 1.64 | 6.31 | 1 | 1.95 | 0.1 |
| MW006 | 13/05/2019 | 0861_MW06_190513 | QLD_0861_PFAS | EB1912390 | 0.98 | 0.97 | 9.58 | 0.73 | 66.5 | - | <0.02 | 0.7 | 1.33 | 2.96 | 0.54 | 0.98 | 0.08 |
| MW006 | 3/12/2019 | MW06_191203 | QLD_0861_PFAS | EB1932627 | 1.00 | 0.92 | 8.15 | 0.83 | 80.7 | - | <0.24 | <1.2 | 0.85 | 2.55 | 0.49 | 0.75 | <0.24 |
| MW006 | 22/04/2020 | 0861_MW006_200422 | QLD_0861_PFASOMP | EB2011246-AC | 0.9 | 0.94 | 7.6 | 0.52 | 49.8 | - | <0.16 | <0.8 | 1.16 | 2.44 | 0.45 | 0.79 | <0.16 |
| MW006 | 22/04/2020 | 0861_QC113_200422 | QLD_0861_PFASOMP | EB2011246-AC | 1.09 | 0.93 | 8.27 | 0.6 | 55.9 | - | <0.16 | <0.8 | 1.47 | 2.54 | 0.5 | 0.92 | <0.16 |
| MW006 | 22/04/2020 | 0861_QC213_200422 | QLD_0861_PFASOMP | RN1274652 | 0.93 | 0.82 | 5.8 | 0.63 | 36 | 0.079 | <0.01 | 0.69 | 1.4 | 2.3 | 0.51 | 0.85 | 0.066 |
| MW006 | 21/10/2020 | 0861_MW006_201021 | QLD_0861_PFASOMP | EB2027539 | 1.24 | 1.03 | 8.61 | 0.52 | 45.4 | - | <0.08 | 0.7 | 1.41 | 3.22 | 0.61 | 1.03 | <0.08 |
| MW006 | 21/10/2020 | 0861_QC134_201021 | QLD_0861_PFASOMP | EB2027539 | 0.95 | 1.08 | 8.39 | 0.46 | 47.9 | - | <0.17 | 0.9 | 1.45 | 2.98 | 0.60 | 0.96 | <0.17 |
| MW006 | 21/10/2020 | 0861_QC234_201021 | QLD_0861_PFASOMP | RN1292508 | 0.88 | 0.73 | 6.6 | 0.39 | 43 | 0.046 | <0.01 | 0.65 | 1.3 | 2 | 0.46 | 0.72 | 0.063 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW006 | 21/04/2021 | 0861_MW006_210421 | QLD_0861_PFASOMP | EB2111121 | 1.16 | 1.63 | 7.67 | 0.99 | 47.4 | - | <0.02 | 0.6 | 1.80 | 3.42 | 0.76 | 1.07 | 0.07 |
| MW006 | 27/10/2021 | 0861_MW006_211027 | QLD_0861_PFASOMP | EB2130850 | 1.44 | 1.12 | 8.72 | 0.44 | 44.0 | - | <0.10 | 0.5 | 1.80 | 3.89 | 0.59 | 1.00 | <0.10 |
| MW006 | 7/04/2022 | 0861_MW006_220407 | QLD_0861_PFASOMP | EB2209951 | 1.82 | 1.83 | 10.5 | 0.45 | 42.0 | - | <0.05 | 0.8 | 2.11 | 3.79 | 0.75 | 1.03 | <0.05 |
| MW006 | 26/10/2022 | 0861_MW006_221026 | QLD_0861_PFASOMP | EB2231825 | 2.05 | 1.80 | 12.9 | 0.62 | 43.8 | - | <0.05 | 0.7 | 1.94 | 5.06 | 0.74 | 1.05 | <0.05 |
| MW006 | 26/04/2023 | 0861_MW006_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | 2.50 | 2.25 | 13.2 | 0.56 | 42.0 | - | <0.05 | 1.0 | 2.44 | 5.00 | 0.77 | 0.99 | 0.06 |
| MW006 | 29/11/2023 | 0861_MW006_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | 2.62 | 2.26 | 13.5 | 0.43 | 34.6 | - | <0.10 | <0.5 | 1.90 | 4.62 | 0.81 | 1.21 | <0.10 |
| MW006 | 18/04/2024 | 0861_MW006_240418 | QLD_0861_PFASOMP_24 | EB2413910 | 3.20 | 2.96 | 20.2 | 0.71 | 48.4 | - | <0.10 | 0.9 | 2.15 | 6.40 | 0.97 | 1.51 | <0.10 |
| MW006 | 6/11/2024 | 0861_MW006_241106 | QLD_0861_PFASOMP_24a | 1158339 | 2.2 | 1.6 | 15 | 0.44 | 57 | 0.35 | <0.01 | 0.88 | 1.7 | 4.3 | 0.62 | 1.2 | 0.05 |
| MW006 | 6/05/2025 | 0861_MW006_250506 | QLD_0861_PFASOMP_25 | 1217993 | 2.8 | 2.3 | 16 | 0.75 | 130 | 1.7 | 0.19 | 0.62 | 1.6 | 4.0 | 0.75 | 1.3 | 0.08 |
| MW007 | 26/07/2012 | RAAFAmb MW102 26/07/2012 | QLD_Hist_202012-3 | EB1219768 | - | - | - | - | 99.1 | - | - | - | - | - | - | 2.71 | - |
| MW007 | 15/10/2012 | 5259_MW102_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | 67.8 | - | - | - | - | - | - | 2.48 | - |
| MW007 | 22/01/2013 | 5259_MW102_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | 161 | - | - | - | - | - | - | 3.12 | - |
| MW007 | 27/08/2013 | E0861_MW102_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | 122 | - | - | - | - | - | - | 2.08 | - |
| MW007 | 22/02/2017 | 0861_MW07_S_170222 | QLD_Hist_202012-3 | EB1703481 | 2.36 | 2.37 | 21 | 2.04 | 88.4 | - | <0.02 | 1.7 | 0.92 | 3.88 | 0.62 | 2 | <0.02 |
| MW007 | 11/10/2017 | 0861_MW07_171011 | QLD_Hist_202012-3 | EB1721001 | 2.5 | 2.34 | 16.6 | 1.64 | 56.7 | - | <0.02 | 0.4 | 0.66 | 3.09 | 0.6 | 1.09 | <0.02 |
| MW007 | 13/05/2019 | 0861_MW07_190513 | QLD_0861_PFAS | EB1912390 | 1.51 | 1.84 | 14.5 | 1.62 | 35.2 | - | <0.02 | 0.1 | 0.63 | 2.77 | 0.46 | 1.23 | <0.02 |
| MW007 | 13/05/2019 | 0861_QC101_190513 | QLD_0861_PFAS | EB1912390 | 1.54 | 1.87 | 14.7 | 1.68 | 36.5 | - | <0.02 | 0.1 | 0.64 | 2.77 | 0.47 | 1.23 | <0.02 |
| MW007 | 25/06/2019 | MW102_190625 | QLD_0861_FSBGME | 662866 | 1.3 | 1.5 | 17 | 1.2 | 81 | <0.01 | <0.01 | 0.32 | 0.51 | 3.9 | 0.48 | 1.2 | <0.01 |
| MW007 | 3/12/2019 | 0861_QC201_191203 | QLD_0861_PFAS | 232657 | 2.0 | 1.9 | 18 | 1.8 | 33 | - | <0.02 | 0.53 | 0.78 | 3.2 | 0.59 | 1.4 | <0.01 |
| MW007 | 3/12/2019 | MW07_191203 | QLD_0861_PFAS | EB1932627 | 1.50 | 1.76 | 14.2 | 1.67 | 35.6 | - | <0.24 | <1.2 | 0.36 | 2.46 | 0.43 | 0.95 | <0.24 |
| MW007 | 3/12/2019 | QC101_191203 | QLD_0861_PFAS | EB1932627 | 1.75 | 2.22 | 17.2 | 1.89 | 38.9 | - | <0.02 | 0.4 | 0.70 | 3.33 | 0.52 | 1.43 | <0.02 |
| MW007 | 28/04/2020 | 0861_MW007_200428 | QLD_0861_PFASOMP | EB2011562 | 2.06 | 2.00 | 16.6 | 1.59 | 35.2 | - | <0.06 | <0.3 | 0.73 | 3.13 | 0.53 | 1.37 | <0.06 |
| MW007 | 19/10/2020 | 0861_MW007_201019 | QLD_0861_PFASOMP | EB2027539 | 2.38 | 2.45 | 19.7 | 1.31 | 28.0 | - | <0.04 | 0.5 | 0.76 | 3.94 | 0.66 | 1.47 | <0.04 |
| MW007 | 19/10/2020 | 0861_QC129_201019 | QLD_0861_PFASOMP | EB2027539 | 2.14 | 2.32 | 17.2 | 1.29 | 27.2 | - | <0.20 | <1.0 | 0.79 | 3.69 | 0.65 | 1.37 | <0.20 |
| MW007 | 19/10/2020 | 0861_QC229_201019 | QLD_0861_PFASOMP | RN1292508 | 1.7 | 1.6 | 15 | 1.1 | 24 | <0.01 | <0.01 | 0.47 | 0.67 | 2.5 | 0.46 | 1 | <0.01 |
| MW007 | 19/04/2021 | 0861_MW007_210419 | QLD_0861_PFASOMP | EB2111121 | 2.00 | 2.87 | 15.6 | 1.83 | 32.8 | - | <0.02 | 0.5 | 0.80 | 3.71 | 0.57 | 1.26 | <0.02 |
| MW007 | 27/10/2021 | 0861_MW007_211027 | QLD_0861_PFASOMP | EB2130850 | 2.13 | 2.36 | 19.5 | 1.41 | 33.9 | - | <0.04 | 0.4 | 0.85 | 3.81 | 0.59 | 1.35 | <0.04 |
| MW007 | 27/10/2021 | 0861_QC165_211027 | QLD_0861_PFASOMP | EB2130850 | 2.04 | 2.54 | 18.1 | 1.40 | 33.6 | - | <0.04 | 0.4 | 0.81 | 3.90 | 0.57 | 1.37 | <0.04 |
| MW007 | 27/10/2021 | 0861_QC265_211027 | QLD_0861_PFASOMP | RN1333717 | 1.6 | 1.7 | 13 | 0.96 | 19 | <0.01 | <0.01 | 0.45 | 0.63 | 2.3 | 0.39 | 0.85 | <0.01 |
| MW007 | 6/04/2022 | 0861_MW007_220406 | QLD_0861_PFASOMP | EB2209951 | 0.19 | 0.18 | 1.26 | 0.11 | 4.69 | - | <0.02 | <0.1 | 0.08 | 0.27 | 0.05 | 0.11 | <0.02 |
| MW007 | 26/10/2022 | 0861_MW007_221026 | QLD_0861_PFASOMP | EB2231825 | 1.50 | 1.70 | 10.6 | 0.50 | 5.78 | - | <0.02 | 0.3 | 0.53 | 2.95 | 0.42 | 0.69 | <0.02 |
| MW007 | 21/04/2023 | 0861_MW007_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | 1.84 | 1.97 | 13.3 | 0.80 | 8.88 | - | <0.02 | 0.4 | 0.67 | 2.85 | 0.46 | 0.82 | <0.02 |
| MW007 | 29/11/2023 | 0861_MW007_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | 1.47 | 1.30 | 9.51 | 0.79 | 11.6 | - | <0.02 | 0.2 | 0.54 | 1.96 | 0.39 | 0.84 | <0.02 |
| MW007 | 18/04/2024 | 0861_MW007_240418 | QLD_0861_PFASOMP_24 | EB2413910 | 1.46 | 1.61 | 13.1 | 0.90 | 20.8 | - | <0.05 | 0.4 | 0.59 | 2.51 | 0.44 | 0.98 | <0.05 |
| MW007 | 6/11/2024 | 0861_MW007_241106 | QLD_0861_PFASOMP_24a | 1158339 | 1.1 | 0.90 | 9.2 | 0.49 | 23 | <0.01 | <0.01 | 0.36 | 0.59 | 3.2 | 0.41 | 0.71 | <0.01 |
| MW007 | 6/05/2025 | 0861_MW007_250506 | QLD_0861_PFASOMP_25 | 1217993 | 0.32 | 0.30 | 2.3 | 0.14 | 4.6 | <0.01 | <0.01 | 0.05 | 0.11 | 0.51 | 0.08 | 0.15 | <0.01 |
| MW012 | 31/07/2012 | MW108 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | 0.15 | - | - | - | - | - | - | <0.02 | - |
| MW012 | 17/10/2012 | 5259_MW108_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW012 | 11/02/2013 | 5259_MW108_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | 0.21 | - | - | - | - | - | - | <0.02 | - |
| MW012 | 28/08/2013 | E0861_MW108_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW012 | 23/02/2017 | 0861_MW12_S_170223 | QLD_Hist_202012-3 | EB1703601 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 10/10/2017 | 0861_MW12_S_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 8/05/2019 | 0861_MW12_190508 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW012 | 26/11/2019 | 0861_MW12_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 27/04/2020 | 0861_MW012_200427 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 13/10/2020 | 0861_MW012_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW012 | 20/04/2021 | 0861_MW012_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 27/10/2021 | 0861_MW012_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 27/10/2021 | 0861_QC166_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 27/10/2021 | 0861_QC266_211027 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | 0.024 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW012 | 6/04/2022 | 0861_MW012_220406 | QLD_0861_PFASOMP | EB2209951 | <0.05 | <0.02 | <0.02 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW012 | 24/10/2022 | 0861_MW012_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 24/10/2022 | 0861_QC192_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 24/10/2022 | 0861_QC292_221024 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | 0.034 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW012 | 21/04/2023 | 0861_MW012_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 27/10/2023 | 0861_QC212_231027 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW012 | 28/10/2023 | 0681_QC112_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW012 | 30/10/2023 | 0861_MW012_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 15/04/2024 | 0861_MW012_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW012 | 28/10/2024 | 0861_MW012_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW012 | 7/05/2025 | 0861_MW012_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW020 | 31/07/2012 | MW119 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | 15.5 | - | - | - | - | - | - | 1.14 | - |
| MW020 | 17/10/2012 | 5259_MW119_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | 12 | - | - | - | - | - | - | 0.83 | - |
| MW020 | 6/02/2013 | 5259_MW119_S_130206 | QLD_Hist_202012-3 | EB1302670 | - | - | - | - | 37 | - | - | - | - | - | - | 1.03 | - |
| MW020 | 27/08/2013 | E0861_MW119_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | 8.02 | - | - | - | - | - | - | 0.39 | - |
| MW020 | 23/02/2017 | 0861_MW20_S_170223 | QLD_Hist_202012-3 | EB1703601 | 1.14 | 1.06 | 5.91 | 0.17 | 1.9 | - | <0.02 | <0.1 | 1.05 | 0.88 | 0.23 | 0.28 | <0.02 |
| MW020 | 9/10/2017 | 0861_MW20_171009 | QLD_Hist_202012-3 | EB1720776 | 0.32 | 0.5 | 2.79 | 0.12 | 1.1 | - | <0.02 | <0.1 | 0.6 | 0.82 | 0.32 | 0.36 | <0.02 |
| MW020 | 8/05/2019 | 0861_MW20_190508 | QLD_0861_PFAS | EB1911948 | 1.30 | 1.51 | 12.2 | 0.62 | 10.5 | - | <0.05 | <0.2 | 2.18 | 3.69 | 1.20 | 1.31 | <0.05 |
| MW020 | 25/06/2019 | MW69_190625 | QLD_0861_FSBGME | 662866 | 0.56 | 0.84 | 8.1 | 0.33 | 6.8 | <0.01 | <0.01 | 0.25 | 1 | 2 | 0.69 | 0.8 | 0.02 |
| MW020 | 25/06/2019 | QC101_190625 | QLD_0861_FSBGME | 662866 | 1.7 | 2.1 | 26 | 1.1 | 25 | <0.01 | <0.01 | 1.1 | 4.4 | 10 | 1.8 | 1.8 | 0.13 |
| MW020 | 25/06/2019 | QC201_190625 | QLD_0861_FSBGME | EB1917024 | 2.26 | 2.94 | 23.0 | 1.00 | 11.3 | - | <0.05 | <0.5 | 4.12 | 6.51 | 2.08 | 2.20 | 0.06 |
| MW020 | 25/11/2019 | 0861_MW20_191125 | QLD_0861_PFAS | EB1932183 | 0.73 | 0.83 | 6.51 | 0.28 | 3.25 | - | <0.02 | 0.3 | 1.22 | 1.88 | 0.76 | 0.78 | 0.02 |
| MW020 | 27/04/2020 | 0861_MW020_200427 | QLD_0861_PFASOMP | EB2011562 | 0.98 | 1.28 | 10.6 | 0.81 | 9.87 | - | <0.07 | <0.4 | 1.29 | 2.48 | 1.02 | 1.33 | <0.07 |
| MW020 | 13/10/2020 | 0861_MW020_201013 | QLD_0861_PFASOMP | EB2027172 | 0.39 | 0.44 | 3.53 | 0.23 | 3.29 | - | <0.10 | <0.50 | 0.54 | 0.90 | 0.37 | 0.52 | <0.10 |
| MW020 | 20/04/2021 | 0861_MW020_210420 | QLD_0861_PFASOMP | EB2111121 | 1.10 | 2.02 | 10.6 | 1.70 | 30.3 | - | <0.02 | 0.5 | 2.07 | 3.29 | 1.20 | 2.07 | 0.18 |
| MW020 | 27/10/2021 | 0861_MW020_211027 | QLD_0861_PFASOMP | EB2130850 | 0.63 | 0.75 | 5.78 | 0.46 | 7.07 | - | <0.02 | 0.4 | 0.90 | 1.71 | 0.50 | 0.91 | 0.06 |
| MW020 | 6/04/2022 | 0861_MW020_220406 | QLD_0861_PFASOMP | EB2209951 | 1.42 | 1.57 | 13.8 | 1.55 | 72.1 | - | <0.05 | <0.9 | 2.71 | 4.22 | 1.19 | 2.60 | 0.51 |
| MW020 | 25/10/2022 | 0861_MW020_221025 | QLD_0861_PFASOMP | EB2231825 | 0.16 | 0.17 | 1.12 | 0.06 | 2.13 | - | <0.02 | 0.2 | 0.36 | 0.31 | 0.09 | 0.06 | <0.02 |
| MW020 | 21/04/2023 | 0861_MW020_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | 4.36 | 5.78 | 46.8 | 3.69 | 87.1 | - | <0.10 | 2.1 | 7.27 | 12.1 | 4.19 | 5.59 | 0.64 |
| MW020 | 27/10/2023 | 0861_QC213_231023 | QLD_0861_PFASOMP_23 | RN1410504 | 3.5 | 4.4 | 37 | 1.9 | 80 | 0.06 | <0.01 | 1.6 | 5.4 | 9 | 2.7 | 4.2 | 0.63 |
| MW020 | 28/10/2023 | 0681_QC113_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | 3.67 | 4.74 | 39.0 | 2.35 | 79.6 | 0.43 | <0.02 | 2.5 | 5.19 | 9.73 | 3.87 | 4.78 | 0.59 |
| MW020 | 30/10/2023 | 0861_MW020_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | 4.20 | 6.00 | 48.1 | 3.39 | 97.7 | <0.24 | <0.24 | 4.9 | 6.85 | 11.5 | 3.86 | 6.16 | 0.66 |
| MW020 | 15/04/2024 | 0861_MW020_240415 | QLD_0861_PFASOMP_24 | EB2413910 | 2.61 | 3.38 | 27.5 | 2.02 | 79.0 | - | <0.24 | <1.2 | 3.45 | 7.00 | 1.90 | 3.17 | 0.40 |
| MW020 | 28/10/2024 | 0861_MW020_241028 | QLD_0861_PFASOMP_24a | 1155836 | 0.04 | 0.03 | 0.21 | 0.02 | 0.46 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | <0.01 | 0.02 | <0.01 |
| MW020 | 7/05/2025 | 0861_MW020_250507 | QLD_0861_PFASOMP_25 | 1217993 | 0.24 | 0.22 | 2.1 | 0.14 | 8.6 | 0.03 | <0.01 | 0.13 | 0.45 | 0.81 | 0.18 | 0.27 | 0.09 |
| MW020 | 7/05/2025 | 0861_QC110_250507 | QLD_0861_PFASOMP_25 | 1217993 | 0.33 | 0.33 | 2.6 | 0.18 | 13 | 0.05 | <0.01 | 0.17 | 0.62 | 1.1 | 0.24 | 0.38 | 0.13 |
| MW020 | 7/05/2025 | 0861_QC210_250507 | QLD_0861_PFASOMP_25 | 380688 | 0.26 | 0.37 | 3.3 | 0.30 | 14 | - | <0.02 | <0.1 | 0.53 | 0.76 | 0.26 | 0.44 | 0.12 |
| MW021 | 8/05/2019 | 0861_MW21_190508 | QLD_0861_PFAS | EB1911948 | 0.66 | 1.06 | 12.1 | 0.55 | 45.0 | - | <0.02 | <0.1 | 0.33 | 1.72 | 0.40 | 1.44 | 0.03 |
| MW021 | 19/11/2019 | 0861_MW21_191119 | QLD_0861_PFAS | EB1931427 | 0.77 | 1.38 | 13.3 | 0.81 | 56.8 | - | <0.02 | 0.2 | 0.40 | 2.14 | 0.54 | 1.69 | 0.04 |
| MW021 | 29/04/2020 | 0861_MW021_200429 | QLD_0861_PFASOMP | EB2011562 | 0.93 | 1.36 | 13.1 | 0.68 | 44.7 | - | <0.06 | <0.3 | 0.48 | 2.19 | 0.50 | 1.72 | <0.06 |
| MW021 | 14/10/2020 | 0861_MW021_201014 | QLD_0861_PFASOMP | EB2027172 | 0.80 | 1.30 | 12.7 | 0.59 | 41.2 | - | <0.05 | 0.33 | 0.50 | 2.22 | 0.50 | 1.62 | <0.05 |
| MW021 | 19/04/2021 | 0861_MW021_210419 | QLD_0861_PFASOMP | EB2111121 | 1.19 | 2.52 | 19.5 | 1.70 | 61.8 | - | <0.02 | 0.3 | 0.57 | 2.82 | 0.68 | 2.19 | 0.07 |
| MW021 | 28/10/2021 | 0861_MW021_211028 | QLD_0861_PFASOMP | EB2130850 | 1.40 | 2.08 | 24.4 | 1.60 | 71.2 | - | <0.07 | <0.3 | 0.70 | 3.33 | 0.80 | 3.10 | <0.07 |
| MW021 | 30/03/2022 | 0861_MW021_220330 | QLD_0861_PFASOMP | EB2209950 | 1.60 | 2.32 | 24.9 | 1.08 | 35.0 | - | <0.05 | <0.4 | 0.69 | 3.12 | 0.74 | 2.43 | <0.05 |
| MW021 | 26/10/2022 | 0861_MW021_221026 | QLD_0861_PFASOMP | EB2231825 | 1.91 | 3.57 | 37.4 | 2.06 | 50.6 | - | <0.05 | 0.3 | 0.73 | 4.45 | 0.93 | 3.07 | <0.05 |
| MW021 | 28/04/2023 | 0861_MW021_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | 2.42 | 4.75 | 48.9 | 2.20 | 92.8 | - | <0.25 | <1.2 | 1.15 | 5.75 | 1.50 | 4.45 | <0.25 |
| MW021 | 28/04/2023 | 0861_QC106_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | 2.34 | 4.85 | 48.2 | 2.51 | 90.7 | - | <0.24 | <1.2 | 1.05 | 5.71 | 1.63 | 4.36 | <0.24 |
| MW021 | 28/04/2023 | 0861_QC206_230428 | QLD_0861_PFASOMP_23 | RN1393133 | 1.5 | 2.7 | 30 | 2.3 | 58 | 0.12 | <0.01 | 0.44 | 0.89 | 3.4 | 1 | 2.4 | 0.072 |
| MW021 | 27/10/2023 | 0861_MW021_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | 2.18 | 4.25 | 42.8 | 2.08 | 148 | - | <0.10 | 0.5 | 1.03 | 4.72 | 1.10 | 4.72 | 0.11 |
| MW021 | 1/11/2024 | 0861_MW021_241101 | QLD_0861_PFASOMP_24a | 1156536 | 1.9 | 3.1 | 34 | 1.9 | 96 | 0.35 | 0.19 | 0.44 | 0.67 | 3.8 | 0.85 | 2.3 | 0.08 |
| MW021 | 30/04/2025 | 0861_MW021_250430 | QLD_0861_PFASOMP_25 | 1215849 | 0.49 | 0.77 | 9.0 | 0.38 | 26 | <0.1 | <0.1 | 0.17 | 0.26 | 1.3 | 0.25 | 1.1 | 0.03 |
| MW022 | 24/01/2013 | 5259_MW201_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | 0.88 | - | - | - | - | - | - | 0.58 | - |
| MW022 | 28/08/2013 | E0861_MW201_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | 2.76 | - | - | - | - | - | - | 1.37 | - |
| MW022 | 2/03/2017 | 0861_MW22_S_1700302 | QLD_Hist_202012-3 | EB1704146 | 3.6 | 3.72 | 30.8 | 0.26 | 1.14 | - | <0.02 | 1 | 0.87 | 5.18 | 0.28 | 0.29 | <0.02 |
| MW022 | 16/10/2017 | 0861_MW22_S_171016 | QLD_Hist_202012-3 | EB1721395 | 1.79 | 2.22 | 13.5 | 0.14 | 0.64 | - | <0.02 | 0.3 | 0.52 | 2.47 | 0.24 | 0.33 | <0.02 |
| MW022 | 30/04/2019 | 0861_MW22_190430 | QLD_0861_PFAS | EB1911342 | 1.95 | 2.05 | 16.9 | 0.12 | 0.40 | - | <0.02 | 0.6 | 0.48 | 2.62 | 0.21 | 0.23 | <0.02 |
| MW022 | 19/11/2019 | 0861_MW22_191119 | QLD_0861_PFAS | EB1931427 | 2.22 | 2.00 | 10.9 | 0.12 | 1.00 | - | <0.02 | 0.8 | 0.43 | 1.87 | 0.29 | 0.35 | <0.02 |
| MW022 | 21/04/2020 | 0861_MW022_200421 | QLD_0861_PFASOMP | EB2011246-AC | 2.15 | 1.82 | 8.36 | 0.14 | 0.95 | - | <0.02 | 0.83 | 0.32 | 1.41 | 0.25 | 0.34 | <0.02 |
| MW022 | 12/10/2020 | 0861_MW022_201012 | QLD_0861_PFASOMP | EB2027172 | 2.24 | 1.75 | 9.34 | 0.14 | 0.91 | - | <0.02 | 0.77 | 0.31 | 1.02 | 0.22 | 0.34 | <0.02 |
| MW022 | 16/04/2021 | 0861_MW022_210416 | QLD_0861_PFASOMP | EB2111121 | 1.26 | 1.92 | 16.3 | 0.32 | 1.83 | - | <0.02 | 0.4 | 0.26 | 1.26 | 0.24 | 0.56 | <0.02 |
| MW022 | 21/10/2021 | 0861_MW022_211021 | QLD_0861_PFASOMP | EB2130835 | 1.42 | 1.27 | 7.72 | 0.15 | 1.29 | - | <0.02 | 0.7 | 0.29 | 1.44 | 0.27 | 0.40 | <0.02 |
| MW022 | 30/03/2022 | 0861_MW022_220330 | QLD_0861_PFASOMP | EB2209950 | 0.61 | 0.61 | 3.95 | 0.05 | 0.29 | - | <0.02 | 0.2 | 0.13 | 0.57 | 0.07 | 0.14 | <0.02 |
| MW022 | 9/11/2022 | 0861_MW022_221109 | QLD_0861_PFASOMP | EB2233631 | 0.18 | 0.21 | 1.42 | <0.02 | 0.12 | - | <0.02 | <0.1 | 0.04 | 0.23 | 0.02 | 0.04 | <0.02 |
| MW022 | 9/11/2022 | 0861_QC198_221109 | QLD_0861_PFASOMP | EB2233631 | 0.18 | 0.22 | 1.53 | <0.02 | 0.11 | - | <0.02 | <0.1 | 0.04 | 0.21 | 0.02 | 0.03 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW022 | 9/11/2022 | 0861_QC298_221109 | QLD_0861_PFASOMP | RN1373013 | 0.13 | 0.15 | 1.1 | <0.01 | 0.071 | <0.01 | <0.01 | 0.067 | 0.025 | 0.13 | 0.013 | 0.018 | <0.01 |
| MW022 | 28/04/2023 | 0861_MW022_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | 1.15 | 1.35 | 8.16 | 0.11 | 0.79 | - | <0.03 | 0.5 | 0.27 | 1.18 | 0.18 | 0.25 | <0.03 |
| MW022 | 25/10/2023 | 0861_MW022_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | 1.52 | 1.51 | 8.06 | 0.14 | 2.03 | - | <0.02 | 0.7 | 0.31 | 1.30 | 0.23 | 0.45 | <0.02 |
| MW022 | 19/04/2024 | 0861_MW022_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 0.68 | 0.59 | 3.79 | 0.06 | 0.68 | - | <0.02 | 0.3 | 0.11 | 0.51 | 0.09 | 0.16 | <0.02 |
| MW022 | 6/11/2024 | 0861_MW022_241106 | QLD_0861_PFASOMP_24a | 1158339 | 1.2 | 0.75 | 4.9 | 0.08 | 1.4 | <0.01 | <0.01 | 0.64 | 0.22 | 0.95 | 0.18 | 0.39 | <0.01 |
| MW022 | 30/04/2025 | 0861_MW022_250430 | QLD_0861_PFASOMP_25 | 1215849 | 0.03 | 0.03 | 0.22 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 |
| MW023 | 11/02/2013 | 5259_MW202_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | 0.37 | - | - | - | - | - | - | <0.02 | - |
| MW023 | 27/08/2013 | E0861_MW202_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | 0.59 | - | - | - | - | - | - | <0.02 | - |
| MW023 | 21/02/2017 | 0861_MW23_S_170221 | QLD_Hist_202012-3 | EB1703368 | 0.06 | 0.03 | 0.26 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 10/10/2017 | 0861_MW23_S_171010 | QLD_Hist_202012-3 | EB1720882 | 0.03 | 0.02 | 0.11 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 13/05/2019 | 0861_MW23_190513 | QLD_0861_PFAS | EB1912390 | 0.03 | 0.02 | 0.10 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW023 | 3/12/2019 | MW23_191203 | QLD_0861_PFAS | EB1932627 | 0.02 | 0.02 | 0.13 | <0.02 | 0.20 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 22/04/2020 | 0861_MW023_200422 | QLD_0861_PFASOMP | EB2011246-AC | 0.03 | 0.03 | 0.15 | <0.02 | 0.12 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 21/10/2020 | 0861_MW023_201021 | QLD_0861_PFASOMP | EB2027539 | 0.04 | 0.03 | 0.15 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 21/10/2020 | 0861_QC133_201021 | QLD_0861_PFASOMP | EB2027539 | 0.05 | 0.04 | 0.23 | <0.02 | 1.11 | - | <0.02 | <0.1 | 0.02 | 0.04 | <0.02 | 0.02 | <0.02 |
| MW023 | 21/10/2020 | 0861_QC233_201021 | QLD_0861_PFASOMP | RN1292508 | 0.033 | 0.027 | 0.14 | <0.01 | 0.065 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW023 | 21/04/2021 | 0861_MW023_210421 | QLD_0861_PFASOMP | EB2111121 | 0.10 | 0.13 | 0.84 | 0.02 | 0.31 | - | <0.02 | <0.1 | 0.03 | 0.07 | <0.02 | 0.01 | <0.02 |
| MW023 | 27/10/2021 | 0861_MW023_211027 | QLD_0861_PFASOMP | EB2130850 | 0.07 | 0.07 | 0.45 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 7/04/2022 | 0861_MW023_220407 | QLD_0861_PFASOMP | EB2209951 | 0.16 | 0.16 | 0.66 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 |
| MW023 | 26/10/2022 | 0861_MW023_221026 | QLD_0861_PFASOMP | EB2231825 | 0.09 | 0.06 | 0.37 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 26/04/2023 | 0861_MW023_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | 0.06 | 0.05 | 0.26 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 26/04/2023 | 0861_QC105_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | 0.06 | 0.05 | 0.27 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW023 | 26/04/2023 | 0861_QC205_230426 | QLD_0861_PFASOMP_23 | RN1393133 | 0.049 | 0.045 | 0.23 | <0.01 | 0.11 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW023 | 29/11/2023 | 0861_MW023_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | 0.07 | 0.06 | 0.43 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 | <0.02 |
| MW023 | 18/04/2024 | 0861_MW023_240418 | QLD_0861_PFASOMP_24 | EB2413910 | 0.14 | 0.15 | 0.74 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 |
| MW023 | 6/11/2024 | 0861_MW023_241106 | QLD_0861_PFASOMP_24a | 1158339 | 0.08 | 0.06 | 0.35 | 0.02 | 0.14 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| MW023 | 6/05/2025 | 0861_MW023_250506 | QLD_0861_PFASOMP_25 | 1217993 | 0.43 | 0.32 | 1.3 | 0.02 | 0.17 | <0.01 | <0.01 | <0.05 | 0.03 | 0.10 | <0.01 | 0.01 | <0.01 |
| MW024 | 24/01/2013 | 5259_MW203_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW024 | 24/01/2013 | 5259_QC9_MW_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW024 | 28/08/2013 | E0861_MW203_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW024 | 3/03/2017 | 0861_MW24_S_170303 | QLD_Hist_202012-3 | EB1704238 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 13/10/2017 | 0861_MW24_S_171013 | QLD_Hist_202012-3 | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 1/05/2019 | 0861_MW24_190501 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 21/11/2019 | 0861_MW24_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 15/10/2020 | 0861_MW024_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 20/04/2021 | 0861_MW024_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 21/10/2021 | 0861_MW024_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 4/04/2022 | 0861_MW024_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 26/10/2022 | 0861_MW024_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 28/04/2023 | 0861_MW024_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.03 | <0.02 | 0.09 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 24/10/2023 | 0861_MW024_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 16/04/2024 | 0861_MW024_240416 | QLD_0861_PFASOMP_24 | EB2413910 | 0.02 | 0.02 | 0.08 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW024 | 4/11/2024 | 0861_MW024_241104 | QLD_0861_PFASOMP_24a | 1156536 | 0.02 | 0.02 | 0.08 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW024 | 1/05/2025 | 0861_MW024_250501 | QLD_0861_PFASOMP_25 | 1215849 | 0.02 | 0.02 | 0.13 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW025 | 24/01/2013 | 5259_MW204_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | 0.24 | - | - | - | - | - | - | <0.02 | - |
| MW025 | 30/08/2013 | E0861_MW204_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | 0.51 | - | - | - | - | - | - | 0.08 | - |
| MW025 | 22/02/2017 | 0861_MW25_S_170222 | QLD_Hist_202012-3 | EB1703481 | 0.21 | 0.17 | 0.98 | 0.04 | 0.6 | - | <0.02 | 0.1 | 0.06 | 0.16 | 0.03 | 0.08 | <0.02 |
| MW025 | 11/10/2017 | 0861_MW25_171011 | QLD_Hist_202012-3 | EB1721001 | 0.29 | 0.2 | 1.29 | 0.02 | 0.3 | - | <0.02 | <0.1 | 0.05 | 0.18 | 0.03 | 0.04 | <0.02 |
| MW025 | 30/04/2019 | 0861_QC302_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW025 | 1/05/2019 | 0861_MW25_190501 | QLD_0861_PFAS | EB1911342 | 0.11 | 0.08 | 0.41 | <0.02 | 0.12 | - | <0.02 | <0.1 | 0.02 | 0.08 | <0.02 | <0.01 | <0.02 |
| MW025 | 19/11/2019 | 0861_MW25_191120 | QLD_0861_PFAS | EB1931427 | 0.10 | 0.07 | 0.45 | <0.02 | 0.28 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | 0.02 | <0.02 |
| MW025 | 27/04/2020 | 0861_MW025_200427 | QLD_0861_PFASOMP | EB2011562 | 0.11 | 0.10 | 0.50 | <0.02 | 0.27 | - | <0.02 | <0.1 | 0.03 | 0.08 | <0.02 | 0.03 | <0.02 |
| MW025 | 14/10/2020 | 0861_MW025_201014 | QLD_0861_PFASOMP | EB2027172 | 0.12 | 0.08 | 0.41 | <0.02 | 0.16 | - | <0.02 | <0.10 | 0.03 | 0.06 | <0.02 | 0.02 | <0.02 |
| MW025 | 14/10/2020 | 0861_QC123_201014 | QLD_0861_PFASOMP | EB2027176-AA | 0.11 | 0.07 | 0.41 | <0.02 | 0.12 | - | <0.02 | <0.10 | 0.03 | 0.07 | <0.02 | 0.02 | <0.02 |
| MW025 | 14/10/2020 | 0861_QC223_201014 | QLD_0861_PFASOMP | RN1292028 | 0.096 | 0.064 | 0.4 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | 0.026 | 0.054 | <0.01 | 0.017 | <0.01 |
| MW025 | 16/04/2021 | 0861_MW025_210416 | QLD_0861_PFASOMP | EB2111121 | 0.14 | 0.12 | 0.58 | 0.02 | 0.37 | - | <0.02 | <0.1 | 0.05 | 0.12 | 0.02 | 0.03 | <0.02 |
| MW025 | 27/10/2021 | 0861_MW025_211027 | QLD_0861_PFASOMP | EB2130850 | 0.13 | 0.10 | 0.58 | <0.02 | 0.14 | - | <0.02 | <0.1 | 0.03 | 0.08 | <0.02 | 0.02 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW025 | 6/04/2022 | 0861_MW025_220406 | QLD_0861_PFASOMP | EB2209951 | 0.28 | 0.21 | 1.17 | 0.04 | 0.46 | - | <0.02 | 0.2 | 0.21 | 0.29 | 0.08 | 0.12 | <0.02 |
| MW025 | 24/10/2022 | 0861_MW025_221024 | QLD_0861_PFASOMP | EB2231825 | 0.25 | 0.20 | 1.38 | 0.06 | 1.06 | - | <0.02 | 0.3 | 0.38 | 0.64 | 0.15 | 0.17 | <0.02 |
| MW025 | 20/04/2023 | 0861_MW025_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.27 | 0.26 | 1.34 | 0.06 | 1.03 | - | <0.02 | 0.3 | 0.43 | 0.58 | 0.16 | 0.17 | <0.02 |
| MW025 | 28/10/2023 | 0861_MW025_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | 0.25 | 0.20 | 1.27 | 0.05 | 1.09 | <0.02 | <0.02 | 0.3 | 0.39 | 0.47 | 0.14 | 0.15 | <0.02 |
| MW025 | 3/05/2024 | 0861_MW025_240503 | QLD_0861_PFASOMP_24 | EB2414902 | 0.18 | 0.15 | 1.07 | 0.05 | 1.39 | - | <0.02 | 0.2 | 0.36 | 0.48 | 0.12 | 0.13 | <0.02 |
| MW025 | 1/11/2024 | 0861_MW025_241101 | QLD_0861_PFASOMP_24a | 1155836 | 0.20 | 0.11 | 0.97 | 0.06 | 1.0 | <0.01 | <0.01 | 0.27 | 0.39 | 0.51 | 0.12 | 0.11 | 0.02 |
| MW025 | 1/11/2024 | 0861_QC201_241101 | QLD_0861_PFASOMP_24a | 365539 | 0.21 | 0.18 | 1.2 | 0.05 | 1.4 | - | <0.02 | 0.28 | 0.38 | 0.53 | 0.13 | 0.15 | 0.02 |
| MW025 | 6/05/2025 | 0861_MW025_250506 | QLD_0861_PFASOMP_25 | 1217993 | 0.30 | 0.15 | 1.2 | 0.05 | 1.1 | <0.01 | <0.01 | 0.24 | 0.38 | 0.59 | 0.13 | 0.13 | 0.02 |
| MW026 | 30/08/2013 | E0861_MW205B_S_130830 | QLD_Hist_202012-3 | EB1323023 | - | - | - | - | 43.4 | - | - | - | - | - | - | 4.42 | - |
| MW026 | 22/02/2017 | 0861_MW26_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 9/10/2017 | 0861_MW26_171009 | QLD_Hist_202012-3 | EB1720776 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 7/05/2019 | 0861_MW26_190507 | QLD_0861_PFAS | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW026 | 29/11/2019 | 0861_MW26_191125 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 28/04/2020 | 0861_MW026_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 16/10/2020 | 0861_MW026_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW026 | 20/04/2021 | 0861_MW026_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 27/10/2021 | 0861_MW026_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW026 | 6/04/2022 | 0861_MW026_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW026 | 24/10/2022 | 0861_MW026_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW026 | 19/04/2023 | 0861_MW026_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 27/10/2023 | 0861_MW026_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW026 | 31/10/2024 | 0861_MW026_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW026 | 1/05/2025 | 0861_MW026_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW028 | 29/08/2013 | E0861_MW300_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | 40.6 | - | - | - | - | - | - | 2.45 | - |
| MW028 | 1/03/2017 | 0861_MW28_S_170301 | QLD_Hist_202012-3 | EB1704014 | 4.54 | 4.53 | 19.9 | 2.32 | 40.7 | - | <0.02 | 1 | 0.96 | 4.68 | 0.66 | 1.58 | <0.02 |
| MW028 | 12/10/2017 | 0861_MW28_S_171012 | QLD_Hist_202012-3 | EB1721110 | 3.74 | 4.91 | 19.1 | 1.37 | 28.4 | - | <0.02 | 0.1 | 1.25 | 5.24 | 0.94 | 2 | <0.02 |
| MW028 | 16/01/2018 | 0861_MW300_180116 | QLD_0861_PFAS | EB1802042 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW028 | 7/05/2019 | 0861_MW28_190507 | QLD_0861_PFAS | EB1911948 | 1.90 | 1.85 | 13.6 | 1.26 | 17.1 | - | <0.02 | <0.1 | 0.46 | 2.54 | 0.47 | 0.87 | <0.02 |
| MW028 | 27/11/2019 | 0861_MW28_191127 | QLD_0861_PFAS | EB1932183 | 3.57 | 2.61 | 20.3 | 3.08 | 33.9 | - | <0.02 | 0.8 | 0.93 | 4.74 | 0.98 | 1.75 | <0.02 |
| MW028 | 27/11/2019 | 0861_QC105_191127 | QLD_0861_PFAS | EB1932183 | 3.61 | 2.82 | 21.9 | 3.19 | 35.6 | - | <0.02 | 0.8 | 1.00 | 4.83 | 0.96 | 1.78 | <0.02 |
| MW028 | 27/11/2019 | 0861_QC205_191127 | QLD_0861_PFAS | 232094 | 4.2 | 4.2 | 35 | 2.4 | 48 | - | <0.02 | 1.0 | 1.2 | 5.5 | 0.89 | 2.1 | <0.01 |
| MW028 | 22/04/2020 | 0861_MW028_200422 | QLD_0861_PFASOMP | EB2011246-AC | 3.27 | 3.81 | 21.3 | 2.21 | 22.9 | - | <0.02 | 0.68 | 0.81 | 3.89 | 0.78 | 1.42 | <0.02 |
| MW028 | 15/10/2020 | 0861_MW028_201015 | QLD_0861_PFASOMP | EB2027172 | 3.38 | 3.43 | 22.7 | 2.02 | 25.4 | - | <0.10 | 0.89 | 0.98 | 4.68 | 0.87 | 1.60 | <0.10 |
| MW028 | 16/04/2021 | 0861_MW028_210416 | QLD_0861_PFASOMP | EB2111121 | 3.49 | 3.72 | 25.3 | 2.54 | 41.2 | - | <0.08 | 0.9 | 1.10 | 5.45 | 1.00 | 1.98 | <0.08 |
| MW028 | 21/10/2021 | 0861_MW028_211021 | QLD_0861_PFASOMP | EB2130835 | 4.00 | 3.65 | 28.1 | 2.82 | 32.0 | - | <0.05 | 0.7 | 1.01 | 5.48 | 0.90 | 1.86 | <0.05 |
| MW028 | 4/04/2022 | 0861_MW028_220404 | QLD_0861_PFASOMP | EB2209950 | 0.22 | 0.21 | 1.50 | 0.20 | 3.37 | - | <0.02 | <0.1 | 0.07 | 0.31 | 0.05 | 0.13 | <0.02 |
| MW028 | 26/10/2022 | 0861_MW028_221026 | QLD_0861_PFASOMP | EB2231825 | 0.80 | 0.85 | 5.97 | 0.64 | 10.3 | - | <0.02 | 0.2 | 0.23 | 1.27 | 0.21 | 0.42 | <0.02 |
| MW028 | 19/04/2023 | 0861_MW028_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | 1.46 | 2.28 | 10.2 | 1.43 | 16.2 | - | <0.02 | 0.3 | 0.46 | 1.96 | 0.40 | 0.84 | <0.02 |
| MW028 | 25/10/2023 | 0861_MW028_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | 1.38 | 1.81 | 9.22 | 0.97 | 12.5 | - | <0.02 | 0.3 | 0.43 | 1.85 | 0.32 | 0.74 | <0.02 |
| MW028 | 18/04/2024 | 0861_MW028_240418 | QLD_0861_PFASOMP_24 | EB2413910 | 2.81 | 2.96 | 20.5 | 1.77 | 32.1 | - | <0.05 | 0.6 | 0.85 | 4.23 | 0.80 | 1.44 | <0.05 |
| MW028 | 4/11/2024 | 0861_MW028_241104 | QLD_0861_PFASOMP_24a | 1156536 | 2.9 | 2.7 | 20 | 2.0 | 41 | <0.1 | <0.1 | 0.68 | 0.60 | 3.9 | 0.60 | 1.1 | 0.01 |
| MW028 | 29/04/2025 | 0861_MW028_250429 | QLD_0861_PFASOMP_25 | 1215849 | 0.73 | 0.60 | 5.1 | 0.38 | 15 | <0.01 | <0.01 | 0.18 | 0.23 | 1.2 | 0.21 | 0.49 | <0.01 |
| MW029 | 29/08/2013 | E0861_MW301_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | 0.7 | - | - | - | - | - | - | 0.02 | - |
| MW029 | 1/03/2017 | 0861_MW29_S_170301 | QLD_Hist_202012-3 | EB1704014 | 0.34 | 0.3 | 2.26 | 0.12 | 2.03 | - | <0.02 | <0.1 | 0.05 | 0.29 | 0.04 | 0.06 | <0.02 |
| MW029 | 12/10/2017 | 0861_MW29_S_171012 | QLD_Hist_202012-3 | EB1721110 | 0.44 | 0.49 | 3.07 | 0.1 | 3.03 | - | <0.02 | <0.1 | 0.12 | 0.47 | 0.07 | 0.15 | <0.02 |
| MW029 | 7/05/2019 | 0861_MW29_190507 | QLD_0861_PFAS | EB1911948 | 0.38 | 0.37 | 2.67 | 0.18 | 3.12 | - | <0.02 | <0.1 | 0.08 | 0.44 | 0.07 | 0.14 | <0.02 |
| MW029 | 27/11/2019 | 0861_MW29_191127 | QLD_0861_PFAS | EB1932183 | 0.44 | 0.47 | 3.26 | 0.21 | 3.98 | - | <0.02 | <0.1 | 0.10 | 0.47 | 0.10 | 0.14 | <0.02 |
| MW029 | 22/04/2020 | 0861_MW029_200422 | QLD_0861_PFASOMP | EB2011246-AC | 0.55 | 0.64 | 3.72 | 0.28 | 3.33 | - | <0.02 | <0.1 | 0.12 | 0.6 | 0.11 | 0.19 | <0.02 |
| MW029 | 15/10/2020 | 0861_MW029_201015 | QLD_0861_PFASOMP | EB2027172 | 0.77 | 0.75 | 4.66 | 0.32 | 4.25 | - | <0.02 | <0.10 | 0.19 | 0.87 | 0.16 | 0.27 | <0.02 |
| MW029 | 16/04/2021 | 0861_MW029_210416 | QLD_0861_PFASOMP | EB2111121 | 0.55 | 0.68 | 3.98 | 0.30 | 4.29 | - | <0.02 | 0.1 | 0.15 | 0.71 | 0.12 | 0.20 | <0.02 |
| MW029 | 21/10/2021 | 0861_MW029_211021 | QLD_0861_PFASOMP | EB2130835 | 0.76 | 0.75 | 5.39 | 0.38 | 4.53 | - | <0.02 | <0.1 | 0.18 | 0.98 | 0.14 | 0.27 | <0.02 |
| MW029 | 4/04/2022 | 0861_MW029_220404 | QLD_0861_PFASOMP | EB2209950 | 0.83 | 1.02 | 5.11 | 0.50 | 6.04 | - | <0.02 | <0.2 | 0.20 | 0.92 | 0.17 | 0.32 | <0.02 |
| MW029 | 26/10/2022 | 0861_MW029_221026 | QLD_0861_PFASOMP | EB2231825 | 0.78 | 0.97 | 6.14 | 0.56 | 5.63 | - | <0.02 | 0.1 | 0.20 | 1.11 | 0.18 | 0.29 | <0.02 |
| MW029 | 19/04/2023 | 0861_MW029_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.71 | 0.94 | 5.27 | 0.38 | 4.29 | - | <0.02 | 0.2 | 0.21 | 0.88 | 0.16 | 0.26 | <0.02 |
| MW029 | 25/10/2023 | 0861_MW029_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.64 | 0.77 | 4.07 | 0.25 | 3.44 | - | <0.02 | 0.1 | 0.16 | 0.72 | 0.12 | 0.21 | <0.02 |
| MW029 | 18/04/2024 | 0861_MW029_240418 | QLD_0861_PFASOMP_24 | EB2413910 | 0.68 | 0.76 | 4.73 | 0.32 | 4.33 | - | <0.02 | 0.1 | 0.18 | 0.85 | 0.15 | 0.23 | <0.02 |
| MW029 | 18/04/2024 | 0861_QC109_240418 | QLD_0861_PFASOMP_24 | EB2413950 | 0.71 | 0.73 | 3.94 | 0.30 | 3.82 | - | <0.02 | 0.1 | 0.16 | 0.82 | 0.12 | 0.18 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW029 | 18/04/2024 | 0861_QC209_240418 | QLD_0861_PFASOMP_24 | RN1427801 | 0.62 | 0.55 | 3 | 0.21 | 2.3 | <0.01 | <0.01 | 0.13 | 0.14 | 0.66 | 0.091 | 0.16 | <0.01 |
| MW029 | 4/11/2024 | 0861_MW029_241104 | QLD_0861_PFASOMP_24a | 1156536 | 0.68 | 0.67 | 4.6 | 0.30 | 1.3 | <0.01 | <0.01 | 0.14 | 0.13 | 0.84 | 0.11 | 0.20 | <0.01 |
| MW029 | 4/11/2024 | 0861_QC201_241104 | QLD_0861_PFASOMP_24a | 365857 | 0.64 | 0.69 | 4.4 | 0.28 | 3.3 | - | <0.02 | 0.1 | 0.2 | 0.75 | 0.13 | 0.22 | <0.01 |
| MW029 | 29/04/2025 | 0861_MW029_250429 | QLD_0861_PFASOMP_25 | 1215849 | 0.71 | 0.71 | 5.2 | 0.24 | 3.7 | <0.01 | <0.01 | 0.15 | 0.19 | 0.94 | 0.14 | 0.26 | <0.01 |
| MW029 | 29/04/2025 | 0861_QC102_250429 | QLD_0861_PFASOMP_25 | 1215849 | 0.69 | 0.59 | 4.8 | 0.34 | 3.5 | <0.01 | <0.01 | 0.13 | 0.18 | 0.90 | 0.15 | 0.19 | <0.01 |
| MW029 | 29/04/2025 | 0861_QC202_250429 | QLD_0861_PFASOMP_25 | MGE0150 | 0.76 | 0.80 | 5.0 | 0.33 | 4.0 | - | <0.020 | 0.19 | 0.18 | 0.99 | 0.16 | 0.26 | <0.010 |
| MW030 | 27/02/2017 | 0861_MW30_S_170227 | QLD_Hist_202012-3 | EB1703780 | 0.2 | 0.11 | 0.32 | <0.02 | <0.01 | - | <0.02 | <0.1 | 0.04 | 0.13 | <0.02 | <0.01 | <0.02 |
| MW030 | 18/10/2017 | 0861_MW30_S_171018 | QLD_Hist_202012-3 | EB1721647 | 0.57 | 0.81 | 1.6 | 0.03 | 0.04 | - | <0.02 | <0.1 | 0.19 | 1.29 | 0.37 | 0.23 | <0.02 |
| MW030 | 10/05/2019 | 0861_MW30_190510 | QLD_0861_PFAS | EB1911948 | 1.14 | 0.83 | 2.59 | <0.10 | <0.10 | - | <0.10 | <0.5 | 0.36 | 2.52 | 0.40 | 0.27 | <0.10 |
| MW030 | 20/11/2019 | 0861_MW30_191120 | QLD_0861_PFAS | EB1931427 | 1.07 | 0.85 | 2.75 | <0.10 | <0.10 | - | <0.10 | <0.5 | 0.22 | 2.31 | 0.36 | 0.20 | <0.10 |
| MW030 | 22/04/2020 | 0861_MW030_200422 | QLD_0861_PFASOMP | EB2011246-AC | 1.24 | 1.01 | 2.69 | 0.04 | 0.03 | - | <0.02 | 0.4 | 0.41 | 2.51 | 0.39 | 0.26 | <0.02 |
| MW030 | 13/10/2020 | 0861_MW030_201013 | QLD_0861_PFASOMP | EB2027172 | 1.48 | 1.03 | 2.91 | <0.10 | <0.10 | - | <0.10 | <0.50 | 0.57 | 2.68 | 0.49 | 0.32 | <0.10 |
| MW030 | 13/04/2021 | 0861_MW030_210413 | QLD_0861_PFASOMP | EB2111121 | 1.45 | 1.10 | 2.96 | 0.05 | <0.06 | - | <0.02 | 0.4 | 0.61 | 2.84 | 0.46 | 0.31 | <0.02 |
| MW030 | 21/10/2021 | 0861_MW030_211021 | QLD_0861_PFASOMP | EB2130835 | 1.79 | 1.27 | 3.38 | 0.03 | 0.03 | - | <0.02 | 0.5 | 0.78 | 4.28 | 0.52 | 0.31 | <0.02 |
| MW030 | 1/04/2022 | 0861_MW030_220401 | QLD_0861_PFASOMP | EB2209950 | 2.97 | 2.20 | 5.31 | <0.07 | 0.12 | - | <0.02 | 0.7 | 1.14 | 6.31 | 0.88 | 0.57 | <0.02 |
| MW030 | 25/10/2022 | 0861_MW030_221025 | QLD_0861_PFASOMP | EB2231825 | 5.49 | 4.49 | 11.4 | 0.22 | 0.16 | - | <0.02 | 1.5 | 2.01 | 13.2 | 1.83 | 1.19 | <0.02 |
| MW030 | 22/05/2023 | 0861_MW030_230522 | QLD_0861_PFASOMP_23 | EB2315514 | 4.66 | 4.62 | 12.7 | 0.21 | 0.24 | - | <0.02 | 1.2 | 1.88 | 9.86 | 1.76 | 1.37 | <0.02 |
| MW030 | 23/10/2023 | 0861_MW030_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | 3.90 | 3.79 | 11.3 | 0.30 | 0.41 | - | <0.02 | 0.9 | 1.44 | 7.69 | 1.32 | 1.41 | <0.02 |
| MW030 | 19/04/2024 | 0861_MW030_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 4.88 | 4.39 | 13.5 | 0.19 | 0.23 | - | <0.02 | 1.3 | 1.85 | 10.5 | 1.78 | 1.29 | <0.02 |
| MW030 | 1/11/2024 | 0861_MW030_241101 | QLD_0861_PFASOMP_24a | 1155836 | 5.0 | 4.0 | 13 | 0.20 | 0.26 | <0.01 | <0.01 | 1.2 | 1.8 | 9.2 | 1.5 | 1.3 | <0.01 |
| MW030 | 28/04/2025 | 0861_MW030_250428 | QLD_0861_PFASOMP_25 | 1215849 | 5.1 | 4.9 | 17 | 0.48 | 0.38 | <0.01 | <0.01 | 1.0 | 1.9 | 11 | 2.2 | 2.2 | <0.01 |
| MW030 | 28/04/2025 | 0861_QC101_250428 | QLD_0861_PFASOMP_25 | 1215849 | 4.9 | 4.2 | 18 | 0.34 | 0.51 | <0.01 | <0.01 | 1.2 | 1.7 | 8.2 | 1.8 | 2.0 | <0.01 |
| MW030 | 28/04/2025 | 0861_QC201_250428 | QLD_0861_PFASOMP_25 | MGE0150 | 5.5 | 5.8 | 21 | 0.51 | 0.60 | - | <0.020 | 1.5 | 1.9 | 12 | 2.4 | 2.7 | <0.010 |
| MW031 | 29/08/2013 | E0861_MW302_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW031 | 29/08/2013 | E0861_MW303_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | 0.76 | - | - | - | - | - | - | 0.02 | - |
| MW031 | 27/02/2017 | 0861_MW31_S_170227 | QLD_Hist_202012-3 | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 27/02/2017 | 0861_QC102_170227 | QLD_Hist_202012-3 | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 27/02/2017 | 0861_QC202_170227 | QLD_Hist_202012-3 | 535909 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW031 | 18/10/2017 | 0861_MW31_S_171018 | QLD_Hist_202012-3 | EB1721647 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 10/05/2019 | 0861_MW31_190510 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW031 | 10/05/2019 | 0861_QC103_190510 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW031 | 10/05/2019 | 0861_QC203_190510 | QLD_0861_PFAS | 217521 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW031 | 20/11/2019 | 0861_MW31_191120 | QLD_0861_PFAS | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW031 | 22/04/2020 | 0861_MW031_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 22/04/2020 | 0861_QC211_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW031 | 13/10/2020 | 0861_MW031_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW031 | 13/04/2021 | 0861_MW031_210413 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 21/10/2021 | 0861_MW031_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 1/04/2022 | 0861_MW031_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 25/10/2022 | 0861_MW031_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW031 | 26/04/2023 | 0861_MW031_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 23/10/2023 | 0861_MW031_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 23/10/2023 | 0861_QC101_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 23/10/2023 | 0861_QC201_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW031 | 19/04/2024 | 0861_MW031_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW031 | 1/11/2024 | 0861_MW031_241101 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW031 | 28/04/2025 | 0861_MW031_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW032 | 30/08/2013 | E0861_MW305_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - |
| MW032 | 24/02/2017 | 0861_MW32_S_170224 | QLD_Hist_202012-3 | EB1703684 | 2.55 | 1.55 | 7.38 | 0.59 | 21.5 | - | <0.02 | <0.1 | 0.56 | 1.86 | 0.33 | 1.05 | <0.02 |
| MW032 | 17/10/2017 | 0861_MW32_S_171017 | QLD_Hist_202012-3 | EB1721554 | 1.76 | 1.67 | 7.65 | 0.93 | 23.1 | - | <0.02 | 0.2 | 0.79 | 3.58 | 1.04 | 2.77 | 0.06 |
| MW032 | 2/05/2019 | 0861_MW32_190502 | QLD_0861_PFAS | EB1911342 | 1.48 | 1.37 | 8.06 | 0.68 | 17.0 | - | <0.02 | 0.5 | 0.60 | 3.34 | 0.83 | 1.63 | 0.04 |
| MW032 | 19/11/2019 | 0861_MW32_191119 | QLD_0861_PFAS | EB1931427 | 1.60 | 1.49 | 8.92 | 0.74 | 15.9 | - | <0.02 | 0.6 | 0.70 | 3.63 | 0.97 | 1.94 | 0.06 |
| MW032 | 27/04/2020 | 0861_MW032_200427 | QLD_0861_PFASOMP | EB2011562 | 1.70 | 1.57 | 9.04 | 0.81 | 20.8 | - | <0.07 | <0.3 | 0.61 | 3.43 | 0.92 | 1.92 | <0.07 |
| MW032 | 12/10/2020 | 0861_MW032_201012 | QLD_0861_PFASOMP | EB2027172 | 1.62 | 1.56 | 8.95 | 0.78 | 18.7 | - | <0.05 | 0.72 | 0.76 | 3.95 | 0.90 | 2.01 | 0.06 |
| MW032 | 21/04/2021 | 0861_MW032_210421 | QLD_0861_PFASOMP | EB2111121 | 1.72 | 1.85 | 8.64 | 0.93 | 23.2 | - | 0.03 | 0.5 | 0.80 | 3.88 | 1.04 | 2.13 | 0.07 |
| MW032 | 21/04/2021 | 0861_QC149_210421 | QLD_0861_PFASOMP | EB2111121 | 1.82 | 1.79 | 8.50 | 0.98 | 22.8 | - | <0.02 | 0.6 | 0.83 | 3.40 | 1.08 | 2.20 | 0.06 |
| MW032 | 21/04/2021 | 0861_QC249_210421 | QLD_0861_PFASOMP | RN1313031 | 1.6 | 1.3 | 5.9 | 0.55 | 13 | <0.01 | <0.01 | 0.58 | 0.6 | 2.2 | 0.7 | 1.6 | 0.048 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW032 | 25/10/2021 | 0861_MW032_211025 | QLD_0861_PFASOMP | EB2130850 | 1.68 | 1.50 | 9.21 | 0.86 | 24.0 | - | <0.10 | <0.5 | 0.76 | 4.36 | 0.98 | 2.27 | <0.10 |
| MW032 | 25/10/2021 | 0861_QC162_211025 | QLD_0861_PFASOMP | EB2130850 | 1.65 | 1.57 | 9.19 | 0.81 | 23.6 | - | <0.10 | <0.5 | 0.77 | 4.41 | 0.96 | 2.21 | <0.10 |
| MW032 | 25/10/2021 | 0861_QC262_211025 | QLD_0861_PFASOMP | RN1333717 | 1.5 | 1.4 | 8.4 | 0.68 | 18 | <0.01 | <0.01 | 0.6 | 0.73 | 3.2 | 0.73 | 1.6 | 0.062 |
| MW032 | 6/04/2022 | 0861_MW032_220406 | QLD_0861_PFASOMP | EB2209951 | 2.21 | 2.07 | 10.2 | 0.92 | 24.6 | - | <0.02 | 0.7 | 0.86 | 4.23 | 1.11 | 2.67 | 0.06 |
| MW032 | 24/10/2022 | 0861_MW032_221024 | QLD_0861_PFASOMP | EB2231825 | 1.69 | 1.89 | 9.52 | 1.47 | 27.9 | - | <0.02 | 0.6 | 0.72 | 4.30 | 0.89 | 2.23 | 0.06 |
| MW032 | 27/04/2023 | 0861_MW032_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | 1.59 | 1.53 | 7.86 | 0.87 | 19.9 | - | <0.02 | 0.7 | 0.80 | 3.29 | 0.85 | 1.86 | 0.06 |
| MW032 | 27/10/2023 | 0861_MW032_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | 1.66 | 1.72 | 9.01 | 0.75 | 20.9 | - | <0.02 | 0.6 | 0.77 | 3.44 | 0.78 | 2.02 | 0.06 |
| MW032 | 15/04/2024 | 0861_MW032_240415 | QLD_0861_PFASOMP_24 | EB2413910 | 1.60 | 1.92 | 11.2 | 0.88 | 24.1 | - | <0.02 | 0.6 | 0.81 | 3.93 | 1.01 | 2.13 | 0.06 |
| MW032 | 28/10/2024 | 0861_MW032_241028 | QLD_0861_PFASOMP_24a | 1155836 | 1.6 | 1.4 | 9.0 | 0.66 | 17 | <0.01 | <0.01 | 0.56 | 0.61 | 3.1 | 0.74 | 1.7 | 0.05 |
| MW032 | 7/05/2025 | 0861_MW032_250507 | QLD_0861_PFASOMP_25 | 1217993 | 2.0 | 1.3 | 8.8 | 0.68 | 37 | 0.18 | <0.1 | 0.51 | 0.79 | 3.2 | 0.87 | 1.7 | 0.07 |
| MW033 | 22/02/2017 | 0861_MW37_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 27/03/2017 | MW401 | QLD_Hist_202012-3 | 539718 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 10/10/2017 | 0861_MW37_S_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 8/02/2018 | 0861_MW33_180208 | QLD_0861_PFAS | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW033 | 14/05/2019 | 0861_MW33_190514 | QLD_0861_PFAS | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | 0.06 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW033 | 28/04/2020 | 0861_MW033_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 19/10/2020 | 0861_MW033_201019 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 19/10/2020 | 0861_QC132_201019 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 19/10/2020 | 0861_QC232_201019 | QLD_0861_PFASOMP | RN1292508 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 20/04/2021 | 0861_MW033_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 27/10/2021 | 0861_MW033_211027 | QLD_0861_PFASOMP | EB2130850 | <0.04 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW033 | 6/04/2022 | 0861_MW033_220406 | QLD_0861_PFASOMP | EB2209951 | <0.04 | <0.02 | <0.01 | <0.02 | <0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 6/04/2022 | 0861_QC181_220406 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 6/04/2022 | 0861_QC281_220406 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 26/10/2022 | 0861_MW033_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 22/05/2023 | 0861_MW033_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 27/10/2023 | 0861_MW033_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 17/04/2024 | 0861_MW033_240417 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 17/04/2024 | 0861_QC108_240417 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW033 | 17/04/2024 | 0861_QC208_240417 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 31/10/2024 | 0861_MW033_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 31/10/2024 | 0861_QC103_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW033 | 30/04/2025 | 0861_MW033_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 1/03/2017 | 0861_MW36_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 10/05/2019 | 0861_MW34_190510 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 20/11/2019 | 0861_MW34_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 20/11/2019 | 0861_QC103_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 21/11/2019 | 0861_QC201_191121 | QLD_0861_PFAS | 232494 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 21/11/2019 | 0861_QC203_191121 | QLD_0861_PFAS | 231783 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 2/12/2019 | MW34_191202 | QLD_0861_PFAS | EB1932627 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.0038 | - | <0.0005 | <0.0020 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| MW034 | 23/04/2020 | 0861_MW034_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.21 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 23/04/2020 | 0861_QC215_200423 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | 0.013 | <0.01 | 0.23 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 13/10/2020 | 0861_MW034_201013 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 13/10/2020 | 0861_QC121_201013 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 13/10/2020 | 0861_QC221_201013 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 19/04/2021 | 0861_MW034_210419 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.59 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 19/04/2021 | 0861_QC147_210419 | QLD_0861_PFASOMP | EB2111121 | <0.03 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 19/04/2021 | 0861_QC247_210419 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 21/10/2021 | 0861_MW034_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 1/04/2022 | 0861_MW034_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 9/11/2022 | 0861_MW034_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 22/05/2023 | 0861_MW034_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 23/10/2023 | 0861_MW034_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 19/04/2024 | 0861_MW034_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW034 | 29/10/2024 | 0861_MW034_241029 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | 0.02 | <0.01 | 0.07 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 |
| MW034 | 31/10/2024 | 0861_QC201_241031 | QLD_0861_PFASOMP_24a | 365539 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW034 | 29/04/2025 | 0861_MW034_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW035 | 1/03/2017 | 0861_MW35_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 13/10/2017 | 0861_MW35_S_171013 | QLD_Hist_202012-3 | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 1/05/2019 | 0861_MW35_190501 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 21/11/2019 | 0861_MW35_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 22/04/2020 | 0861_MW035_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 14/10/2020 | 0861_MW035_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 16/04/2021 | 0861_MW035_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 21/10/2021 | 0861_MW035_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 4/04/2022 | 0861_MW035_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 9/11/2022 | 0861_MW035_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 9/05/2023 | 0861_MW035_230509 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 24/10/2023 | 0861_MW035_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 16/04/2024 | 0861_MW035_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW035 | 6/11/2024 | 0861_MW035_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW035 | 1/05/2025 | 0861_MW035_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW036 | 28/02/2017 | 0861_MW33_S_170228 | QLD_Hist_202012-3 | EB1703884 | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 12/10/2017 | 0861_MW33_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 7/05/2019 | 0861_MW36_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 27/11/2019 | 0861_MW36_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 22/04/2020 | 0861_MW036_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | 0.03 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 15/10/2020 | 0861_MW036_201015 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 16/04/2021 | 0861_MW036_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 21/10/2021 | 0861_MW036_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 4/04/2022 | 0861_MW036_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 25/10/2022 | 0861_MW036_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 25/10/2022 | 0861_QC193_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | 0.04 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 25/10/2022 | 0861_QC293_221025 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | 0.03 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW036 | 19/04/2023 | 0861_MW036_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 23/10/2023 | 0861_QC107_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 23/10/2023 | 0861_QC207_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | 0.02 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW036 | 24/10/2023 | 0861_MW036_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | 0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 18/04/2024 | 0861_MW036_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | 0.08 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW036 | 4/11/2024 | 0861_MW036_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | 0.03 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW036 | 4/11/2024 | 0861_QC101_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | 0.04 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW036 | 29/04/2025 | 0861_MW036_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW037 | 24/02/2017 | 0861_MW34_S_170224 | QLD_Hist_202012-3 | EB1703684 | 2.98 | 1.58 | 3.7 | <0.02 | 0.02 | - | <0.02 | <0.1 | 0.16 | 0.57 | 0.04 | <0.01 | <0.02 |
| MW037 | 11/10/2017 | 0861_MW34_171011 | QLD_Hist_202012-3 | EB1721001 | 3.48 | 2.72 | 7.57 | <0.02 | 0.03 | - | <0.02 | <0.1 | 0.23 | 1.47 | 0.19 | 0.03 | <0.02 |
| MW037 | 11/10/2017 | 0861_QC101_171011 | QLD_Hist_202012-3 | EB1721001 | 3.18 | 2.54 | 6.95 | <0.02 | 0.03 | - | <0.02 | <0.1 | 0.25 | 1.43 | 0.17 | 0.02 | <0.02 |
| MW037 | 11/10/2017 | 0861_QC201_171011 | QLD_Hist_202012-3 | EB1721001 | 2.38 | 2.43 | 15 | 0.94 | 51.7 | - | <0.02 | 0.4 | 0.68 | 3.16 | 0.62 | 1.1 | <0.02 |
| MW037 | 8/05/2019 | 0861_MW37_190508 | QLD_0861_PFAS | EB1911948 | 2.74 | 2.09 | 6.50 | <0.02 | 0.04 | - | <0.02 | <0.1 | 0.28 | 1.76 | 0.18 | 0.04 | <0.02 |
| MW037 | 19/11/2019 | 0861_MW37_191119 | QLD_0861_PFAS | EB1931427 | 2.31 | 1.96 | 5.81 | <0.02 | 0.01 | - | <0.02 | 0.2 | 0.29 | 1.41 | 0.16 | 0.03 | <0.02 |
| MW037 | 22/04/2020 | 0861_MW037_200422 | QLD_0861_PFASOMP | EB2011246-AC | 1.96 | 1.71 | 4.6 | <0.04 | <0.04 | - | <0.04 | <0.2 | 0.2 | 1.24 | 0.13 | <0.04 | <0.04 |
| MW037 | 22/04/2020 | 0861_QC212_200422 | QLD_0861_PFASOMP | RN1274652 | 1.5 | 1.2 | 3.8 | <0.01 | 0.025 | <0.01 | <0.01 | 0.15 | 0.19 | 1.1 | 0.11 | 0.02 | <0.01 |
| MW037 | 12/10/2020 | 0861_MW037_201012 | QLD_0861_PFASOMP | EB2027172 | 2.01 | 1.42 | 4.25 | <0.02 | 0.03 | - | <0.02 | <0.10 | 0.20 | 1.08 | 0.13 | 0.03 | <0.02 |
| MW037 | 20/04/2021 | 0861_MW037_210420 | QLD_0861_PFASOMP | EB2111121 | 1.38 | 1.46 | 3.57 | <0.02 | 0.06 | - | <0.02 | <0.1 | 0.18 | 0.90 | 0.12 | 0.03 | <0.02 |
| MW037 | 27/10/2021 | 0861_MW037_211027 | QLD_0861_PFASOMP | EB2130850 | 1.45 | 1.24 | 3.78 | <0.02 | 0.02 | - | <0.02 | 0.1 | 0.16 | 0.97 | 0.10 | 0.03 | <0.02 |
| MW037 | 30/03/2022 | 0861_MW037_220330 | QLD_0861_PFASOMP | EB2209950 | 0.55 | 0.40 | 1.75 | 0.07 | 2.51 | - | <0.02 | <0.1 | 0.08 | 0.42 | 0.05 | 0.08 | <0.02 |
| MW037 | 24/10/2022 | 0861_MW037_221024 | QLD_0861_PFASOMP | EB2231825 | 1.43 | 1.26 | 3.91 | <0.02 | 0.41 | - | <0.02 | 0.1 | 0.17 | 1.15 | 0.10 | 0.03 | <0.02 |
| MW037 | 19/04/2023 | 0861_MW037_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | 2.24 | 2.53 | 6.26 | 0.08 | 0.56 | - | <0.02 | 0.2 | 0.41 | 1.83 | 0.27 | 0.12 | <0.02 |
| MW037 | 10/08/2023 | 0861_MW037_230810 | QLD_0861_Stage2_23 | 1018693 | 1.8 | 1.4 | 5.4 | 0.06 | 0.18 | <0.01 | <0.01 | 0.18 | 0.24 | 1.2 | 0.16 | 0.06 | <0.01 |
| MW037 | 23/10/2023 | 0861_MW037_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | 2.32 | 2.20 | 5.33 | 0.05 | 0.61 | - | <0.02 | 0.2 | 0.35 | 1.68 | 0.18 | 0.09 | <0.02 |
| MW037 | 23/10/2023 | 0861_QC100_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | 2.38 | 2.29 | 6.40 | 0.06 | 0.50 | - | <0.02 | 0.6 | 0.36 | 1.76 | 0.22 | 0.11 | <0.02 |
| MW037 | 23/10/2023 | 0861_QC200_231023 | QLD_0861_PFASOMP_23 | RN1410504 | 2.1 | 1.5 | 6.4 | 0.037 | 0.33 | <0.01 | <0.01 | 0.35 | 0.41 | 2 | 0.21 | 0.084 | <0.01 |
| MW037 | 15/04/2024 | 0861_MW037_240415 | QLD_0861_PFASOMP_24 | EB2413910 | 2.43 | 2.35 | 8.14 | 0.08 | 0.84 | - | <0.02 | 0.3 | 0.36 | 1.86 | 0.23 | 0.12 | <0.02 |
| MW037 | 15/04/2024 | 0861_QC106_240415 | QLD_0861_PFASOMP_24 | EB2413950 | 2.60 | 2.48 | 8.18 | 0.09 | 0.73 | - | <0.02 | 0.3 | 0.39 | 1.97 | 0.22 | 0.13 | <0.02 |
| MW037 | 15/04/2024 | 0861_QC206_240415 | QLD_0861_PFASOMP_24 | RN1427801 | 2 | 1.4 | 5.5 | 0.041 | 0.44 | <0.01 | <0.01 | 0.3 | 0.39 | 1.7 | 0.2 | 0.086 | <0.01 |
| MW037 | 28/10/2024 | 0861_MW037_241028 | QLD_0861_PFASOMP_24a | 1155836 | 2.1 | 1.6 | 7.7 | 0.14 | 0.37 | <0.01 | <0.01 | 0.33 | 0.43 | 2.1 | 0.25 | 0.18 | <0.01 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW037 | 28/10/2024 | 0861_QC101_241028 | QLD_0861_PFASOMP_24a | 1155836 | 2.2 | 1.8 | 7.1 | 0.13 | 0.35 | <0.01 | <0.01 | 0.31 | 0.41 | 2.0 | 0.24 | 0.16 | <0.01 |
| MW037 | 30/04/2025 | 0861_MW037_250430 | QLD_0861_PFASOMP_25 | 1215849 | 2.1 | 1.7 | 7.0 | 0.14 | 0.24 | <0.01 | <0.01 | 0.30 | 0.46 | 1.7 | 0.22 | 0.18 | <0.01 |
| MW041 | 21/02/2018 | 0861_MW41_180221 | QLD_0861_PFAS | EB1804971 | 0.10 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | 0.09 | 0.18 | <0.05 | <0.05 |
| MW041 | 8/05/2019 | 0861_MW41_190508 | QLD_0861_PFAS | EB1911948 | 0.14 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW041 | 2/12/2019 | MW41_191202 | QLD_0861_PFAS | EB1932627 | 0.07 | <0.02 | 0.03 | <0.02 | 0.05 | - | <0.02 | <0.1 | 0.06 | 0.02 | <0.02 | <0.01 | <0.02 |
| MW041 | 23/04/2020 | 0861_MW041_200423 | QLD_0861_PFASOMP | EB2011246-AC | 0.08 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW041 | 14/10/2020 | 0861_MW041_201014 | QLD_0861_PFASOMP | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.11 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW041 | 22/10/2021 | 0861_MW041_211022 | QLD_0861_PFASOMP | EB2130835 | 0.08 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | 0.07 | 0.04 | <0.02 | <0.01 | <0.02 |
| MW041 | 5/04/2022 | 0861_MW041_220405 | QLD_0861_PFASOMP | EB2209951 | 0.31 | 0.05 | 0.14 | <0.02 | 0.30 | - | <0.02 | <0.3 | 0.37 | 0.21 | <0.02 | <0.02 | <0.02 |
| MW041 | 25/10/2022 | 0861_MW041_221025 | QLD_0861_PFASOMP | EB2231825 | 0.10 | <0.02 | 0.04 | <0.02 | 0.08 | - | <0.02 | 0.2 | 0.11 | 0.06 | <0.02 | <0.02 | <0.02 |
| MW041 | 19/04/2023 | 0861_MW041_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW041 | 30/10/2023 | 0861_MW041_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.58 | 0.13 | 0.13 | <0.02 | 0.13 | - | <0.02 | 0.3 | 0.62 | 0.54 | <0.02 | <0.01 | <0.02 |
| MW041 | 3/05/2024 | 0861_MW041_240503 | QLD_0861_PFASOMP_24 | EB2414902 | 0.23 | 0.04 | 0.16 | <0.02 | 0.33 | - | <0.02 | 0.2 | 0.30 | 0.30 | <0.02 | 0.01 | <0.02 |
| MW041 | 31/10/2024 | 0861_MW041_241031 | QLD_0861_PFASOMP_24a | 1155836 | 0.42 | 0.10 | 0.13 | <0.01 | 0.26 | <0.01 | <0.01 | 0.17 | 0.38 | 0.46 | <0.01 | <0.01 | <0.01 |
| MW041 | 29/04/2025 | 0861_MW041_250429 | QLD_0861_PFASOMP_25 | 1215849 | 0.16 | 0.06 | 0.29 | <0.01 | 0.33 | <0.01 | <0.01 | 0.19 | 0.14 | 0.26 | 0.02 | 0.03 | <0.01 |
| MW042 | 6/02/2018 | 0861_MW42_180206 | QLD_0861_PFAS | EB1803636 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW042 | 3/05/2019 | 0861_MW42_190503 | QLD_0861_PFAS | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW042 | 26/11/2019 | 0861_MW42_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 28/04/2020 | 0861_MW042_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 16/10/2020 | 0861_MW042_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW042 | 15/04/2021 | 0861_MW042_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 15/04/2021 | 0861_QC144_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 15/04/2021 | 0861_QC244_210415 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW042 | 26/10/2021 | 0861_MW042_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | 0.03 | <0.02 | 0.03 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW042 | 26/10/2021 | 0861_QC163_211026 | QLD_0861_PFASOMP | EB2130850 | <0.04 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 26/10/2021 | 0861_QC263_211026 | QLD_0861_PFASOMP | RN1333717 | 0.012 | <0.01 | 0.028 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW042 | 5/04/2022 | 0861_MW042_220405 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 26/10/2022 | 0861_MW042_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW042 | 27/04/2023 | 0861_MW042_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | 0.02 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 30/10/2023 | 0861_MW042_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | 0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 19/04/2024 | 0861_MW042_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 0.02 | <0.02 | 0.06 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW042 | 8/11/2024 | 0861_MW042_241108 | QLD_0861_PFASOMP_24a | 1158339 | 0.07 | 0.03 | 0.18 | <0.01 | 0.17 | <0.01 | <0.01 | <0.05 | 0.02 | 0.05 | <0.01 | 0.02 | <0.01 |
| MW042 | 2/05/2025 | 0861_MW042_250502 | QLD_0861_PFASOMP_25 | 1215849 | 0.02 | <0.01 | 0.05 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.02 | 0.03 | 0.01 | <0.01 | <0.01 |
| MW043 | 22/02/2018 | 0861_MW43_180222 | QLD_0861_PFAS | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW043 | 22/02/2018 | 0861_QC126_180222 | QLD_0861_PFAS | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW043 | 3/05/2019 | 0861_MW43_190503 | QLD_0861_PFAS | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW043 | 26/11/2019 | 0861_MW43_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | 0.05 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW043 | 28/04/2020 | 0861_MW043_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW043 | 16/10/2020 | 0861_MW043_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW043 | 15/04/2021 | 0861_MW043_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW043 | 26/10/2021 | 0861_MW043_211026 | QLD_0861_PFASOMP | EB2130850 | 0.36 | 0.08 | 0.22 | <0.02 | 0.27 | - | <0.02 | 0.10 | 0.08 | 0.21 | <0.02 | 0.02 | <0.02 |
| MW043 | 5/04/2022 | 0861_MW043_220405 | QLD_0861_PFASOMP | EB2209951 | 0.28 | 0.09 | 0.21 | <0.02 | 0.18 | - | <0.02 | <0.1 | 0.08 | 0.14 | <0.02 | <0.02 | <0.02 |
| MW043 | 25/10/2022 | 0861_MW043_221025 | QLD_0861_PFASOMP | EB2231825 | 0.04 | <0.02 | 0.05 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW043 | 25/10/2022 | 0861_QC196_221025 | QLD_0861_PFASOMP | EB2231825 | 0.06 | <0.02 | 0.08 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW043 | 25/10/2022 | 0861_QC296_221025 | QLD_0861_PFASOMP | RN1371573 | 0.043 | 0.012 | 0.047 | <0.01 | 0.048 | <0.01 | <0.01 | <0.05 | <0.02 | 0.02 | <0.01 | <0.01 | <0.01 |
| MW043 | 27/04/2023 | 0861_MW043_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | 0.20 | 0.07 | 0.30 | <0.02 | 0.40 | - | <0.02 | <0.1 | 0.05 | 0.10 | <0.02 | 0.02 | <0.02 |
| MW043 | 30/10/2023 | 0861_MW043_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.05 | <0.02 | 0.04 | <0.02 | 0.06 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW043 | 19/04/2024 | 0861_MW043_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 0.21 | 0.06 | 0.22 | <0.02 | 0.24 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 | 0.01 | <0.02 |
| MW043 | 8/11/2024 | 0861_MW043_241108 | QLD_0861_PFASOMP_24a | 1158339 | 0.34 | 0.08 | 0.24 | 0.02 | 0.47 | <0.01 | <0.01 | 0.09 | 0.07 | 0.11 | 0.02 | 0.02 | <0.01 |
| MW043 | 2/05/2025 | 0861_MW043_250502 | QLD_0861_PFASOMP_25 | 1215849 | 0.13 | 0.03 | 0.09 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | 0.04 | 0.09 | <0.01 | 0.02 | <0.01 |
| MW043 | | 0861_QC226-180222 | QLD_0861_PFAS | 186049 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW044 | 6/02/2018 | 0861_MW44_180206 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 7/05/2019 | 0861_MW44_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 27/11/2019 | 0861_MW44_191127 | QLD_0861_PFAS | EB1932183 | 0.03 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 22/04/2020 | 0861_MW044_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 15/10/2020 | 0861_MW044_201015 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 21/04/2021 | 0861_MW044_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW044 | 21/10/2021 | 0861_MW044_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 1/04/2022 | 0861_MW044_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | 0.01 | <0.02 | <0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 1/04/2022 | 0861_QC176_220401 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 1/04/2022 | 0861_QC276_220401 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW044 | 26/10/2022 | 0861_MW044_221026 | QLD_0861_PFASOMP | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | - | <0.25 | <1.2 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| MW044 | 26/10/2022 | 0861_QC197_221026 | QLD_0861_PFASOMP | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | - | <0.25 | <1.2 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| MW044 | 26/10/2022 | 0861_QC297_221026 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW044 | 11/05/2023 | 0861_MW044_230511 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 24/10/2023 | 0861_MW044_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.03 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 24/10/2023 | 0861_QC108_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | 0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 18/04/2024 | 0861_MW044_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW044 | 4/11/2024 | 0861_MW044_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW044 | 29/04/2025 | 0861_MW044_250429 | QLD_0861_PFASOMP_25 | 1215849 | 0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | 0.03 | 0.02 | <0.01 | <0.01 | <0.01 |
| MW046 | 7/02/2018 | 0861_MW46_180207 | QLD_0861_PFAS | EB1803867 | 11.1 | 13.9 | 96.6 | 9.66 | 201 | - | <0.10 | 7.7 | 16.3 | 46.1 | 11.9 | 23.7 | 0.56 |
| MW046 | 7/02/2018 | 0861_MW46_180207 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW046 | 6/05/2019 | 0861_MW46_190506 | QLD_0861_PFAS | EB1911948 | 16.7 | 17.2 | 129 | 9.86 | 288 | - | <0.20 | 15.7 | 29.2 | 69.5 | 13.9 | 31.5 | 0.74 |
| MW046 | 25/06/2019 | MW46_190625 | QLD_0861_FSBGME | 662866 | 16 | 18 | 160 | 11 | 360 | <0.1 | <0.1 | 14 | 28 | 76 | 16 | 36 | 0.85 |
| MW046 | 18/11/2019 | 0861_MW46_191118 | QLD_0861_PFAS | EB1931427 | 18.1 | 19.4 | 130 | 8.65 | 200 | - | <0.02 | 16.2 | 29.8 | 67.4 | 12.8 | 38.0 | 0.71 |
| MW046 | 27/04/2020 | 0861_MW046_200427 | QLD_0861_PFASOMP | EB2011562 | 18.6 | 17.4 | 122 | 9.24 | 251 | - | <1.62 | <8.1 | 27.6 | 62.0 | 13.0 | 32.4 | <1.62 |
| MW046 | 19/10/2020 | 0861_MW046_201019 | QLD_0861_PFASOMP | EB2027539 | 18.8 | 21.2 | 146 | 10.5 | 219 | - | <0.44 | 16.6 | 33.9 | 85.4 | 17.1 | 39.1 | 0.62 |
| MW046 | 19/10/2020 | 0861_QC130_201019 | QLD_0861_PFASOMP | EB2027539 | 18.9 | 20.0 | 139 | 11.8 | 242 | - | <0.18 | 16.0 | 30.2 | 79.8 | 15.8 | 37.2 | 0.64 |
| MW046 | 19/10/2020 | 0861_QC230_201019 | QLD_0861_PFASOMP | RN1292508 | 14 | 13 | 110 | 6.3 | 160 | <0.01 | <0.01 | 14 | 29 | 56 | 12 | 27 | 0.53 |
| MW046 | 20/04/2021 | 0861_MW046_210421 | QLD_0861_PFASOMP | EB2111121 | 18.5 | 29.1 | 127 | 13.6 | 293 | - | <0.05 | 14.7 | 39.5 | 69.7 | 18.9 | 40.3 | 0.72 |
| MW046 | 26/10/2021 | 0861_MW046_211026 | QLD_0861_PFASOMP | EB2130850 | 12.5 | 11.6 | 83.4 | 6.70 | 194 | - | <0.50 | 11.6 | 25.9 | 50.0 | 9.55 | 21.7 | <0.50 |
| MW046 | 30/03/2022 | 0861_MW046_220330 | QLD_0861_PFASOMP | EB2209950 | 12.3 | 11.8 | 85.0 | 7.15 | 179 | - | <0.25 | 13.0 | 28.0 | 45.4 | 9.28 | 22.1 | 0.42 |
| MW046 | 25/10/2022 | 0861_MW046_221025 | QLD_0861_PFASOMP | EB2231825 | 13.9 | 16.5 | 120 | 12.6 | 215 | - | <0.25 | 17.8 | 34.9 | 74.8 | 12.7 | 31.6 | 0.66 |
| MW046 | 17/04/2023 | 0861_MW046_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | 4.42 | 4.85 | 34.2 | 3.78 | 87.1 | - | <0.25 | 5.5 | 12.5 | 16.9 | 3.90 | 7.75 | 0.25 |
| MW046 | 31/10/2023 | 0861_MW046_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | 7.25 | 7.52 | 52.4 | 6.28 | 195 | - | <0.25 | 9.6 | 20.4 | 27.0 | 5.88 | 14.2 | 0.50 |
| MW046 | 15/04/2024 | 0861_MW046_240415 | QLD_0861_PFASOMP_24 | EB2413910 | 1.29 | 1.29 | 9.48 | 0.99 | 26.8 | - | <0.05 | 3.7 | 5.04 | 5.03 | 1.13 | 2.18 | 0.09 |
| MW046 | 31/10/2024 | 0861_MW046_241031 | QLD_0861_PFASOMP_24a | 1155836 | 17 | 15 | 120 | 12 | 240 | 0.33 | 0.01 | 18 | 54 | 78 | 10 | 23 | 0.85 |
| MW046 | 7/05/2025 | 0861_MW046_250507 | QLD_0861_PFASOMP_25 | 1217993 | 0.42 | 0.31 | 2.4 | 0.29 | 8.7 | 0.02 | <0.01 | 2.0 | 2.0 | 1.3 | 0.28 | 0.50 | 0.05 |
| MW047 | 15/01/2018 | 0861_MW47_180115 | QLD_0861_PFAS | EB1802042 | 0.03 | <0.02 | 0.10 | <0.02 | 0.41 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW047 | 6/04/2018 | 0861_MW47_180406 | QLD_0861_PFAS | EB1808673 | <0.02 | <0.02 | 0.07 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW047 | 6/04/2018 | 0861_MW47_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW047 | 2/05/2019 | 0861_MW47_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW047 | 21/11/2019 | 0861_MW47_191121 | QLD_0861_PFAS | EB1931427 | 0.02 | <0.02 | 0.03 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW047 | 23/04/2020 | 0861_MW047_200423 | QLD_0861_PFASOMP | EB2011246-AC | 0.75 | 0.9 | 7.67 | 0.42 | 5.87 | - | <0.04 | <0.2 | 0.2 | 1.05 | 0.13 | 0.26 | <0.04 |
| MW047 | 23/04/2020 | 0861_QC114_200423 | QLD_0861_PFASOMP | EB2011246-AC | 0.82 | 0.79 | 7.08 | 0.37 | 6.17 | - | <0.03 | <0.2 | 0.17 | 0.99 | 0.12 | 0.26 | <0.03 |
| MW047 | 23/04/2020 | 0861_QC214_200423 | QLD_0861_PFASOMP | RN1274652 | 0.65 | 0.62 | 5.4 | 0.32 | 3.5 | <0.01 | <0.01 | 0.13 | 0.17 | 0.86 | 0.092 | 0.2 | <0.01 |
| MW047 | 12/10/2020 | 0861_MW047_201012 | QLD_0861_PFASOMP | EB2027172 | 0.11 | 0.08 | 0.64 | 0.02 | 0.89 | - | <0.02 | <0.10 | 0.02 | 0.09 | <0.02 | 0.02 | <0.02 |
| MW047 | 12/10/2020 | 0861_QC118_201012 | QLD_0861_PFASOMP | EB2027176-AA | 0.11 | 0.10 | 0.76 | 0.03 | 0.95 | - | <0.02 | <0.10 | 0.03 | 0.12 | <0.02 | 0.02 | <0.02 |
| MW047 | 12/10/2020 | 0861_QC218_201012 | QLD_0861_PFASOMP | RN1292028 | 0.1 | 0.08 | 0.74 | 0.026 | 0.87 | <0.01 | <0.01 | <0.05 | 0.022 | 0.1 | 0.011 | 0.018 | <0.01 |
| MW047 | 20/04/2021 | 0861_MW047_210420 | QLD_0861_PFASOMP | EB2111121 | 0.22 | 0.19 | 0.18 | 0.08 | 2.46 | - | <0.02 | 0.2 | 0.19 | 0.24 | <0.02 | 0.04 | <0.02 |
| MW047 | 20/04/2021 | 0861_QC148_210420 | QLD_0861_PFASOMP | EB2111121 | 0.07 | 0.04 | 0.20 | <0.02 | 0.44 | - | <0.02 | <0.1 | 0.03 | 0.04 | <0.02 | <0.01 | <0.02 |
| MW047 | 20/04/2021 | 0861_QC248_210420 | QLD_0861_PFASOMP | RN1313031 | 0.21 | 0.1 | 1 | 0.05 | 1.8 | <0.01 | <0.01 | 0.19 | 0.14 | 0.16 | 0.01 | 0.025 | <0.01 |
| MW047 | 26/10/2021 | 0861_MW047_211026 | QLD_0861_PFASOMP | EB2130850 | 1.58 | 0.67 | 3.58 | 0.23 | 5.21 | - | <0.02 | 0.72 | 0.82 | 1.58 | 0.03 | 0.07 | <0.02 |
| MW047 | 30/03/2022 | 0861_MW047_220330 | QLD_0861_PFASOMP | EB2209950 | 0.86 | 0.64 | 4.01 | 0.16 | 2.84 | - | <0.02 | 0.3 | 0.40 | 1.03 | 0.10 | 0.17 | <0.02 |
| MW047 | 30/03/2022 | 0861_QC172_220330 | QLD_0861_PFASOMP | EB2209942 | 1.51 | 2.88 | 20.9 | 1.64 | 50.2 | - | <0.05 | 0.4 | 0.64 | 2.73 | 0.93 | 2.37 | 0.08 |
| MW047 | 30/03/2022 | 0861_QC272_220330 | QLD_0861_PFASOMP | RN1349008 | 1.1 | 1.6 | 19 | 1.1 | 30 | 0.039 | <0.01 | 0.3 | 0.52 | 2.2 | 0.52 | 1.5 | 0.035 |
| MW047 | 25/10/2022 | 0861_MW047_221025 | QLD_0861_PFASOMP | EB2231825 | 1.45 | 1.39 | 10.3 | 0.52 | 6.38 | - | <0.02 | 0.5 | 0.60 | 2.64 | 0.24 | 0.52 | <0.02 |
| MW047 | 19/04/2023 | 0861_MW047_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | 1.03 | 1.28 | 6.55 | 0.43 | 4.24 | - | <0.02 | 0.4 | 0.60 | 1.44 | 0.15 | 0.32 | <0.02 |
| MW047 | 26/10/2023 | 0861_MW047_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.07 | 0.05 | 0.42 | 0.03 | 0.68 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 | <0.02 |
| MW047 | 26/10/2023 | 0861_QC110_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.06 | 0.05 | 0.51 | 0.04 | 0.84 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW047 | 26/10/2023 | 0861_QC210_231026 | QLD_0861_PFASOMP_23 | RN1410504 | 0.048 | 0.046 | 0.57 | 0.03 | 0.81 | <0.01 | <0.01 | <0.05 | <0.02 | 0.032 | <0.01 | <0.01 | <0.01 |
| MW047 | 15/04/2024 | 0861_MW047_240415 | QLD_0861_PFASOMP_24 | EB2413910 | 0.98 | 0.85 | 7.62 | 0.37 | 7.85 | - | <0.02 | 0.5 | 0.54 | 1.29 | 0.13 | 0.29 | <0.02 |
| MW047 | 28/10/2024 | 0861_MW047_241028 | QLD_0861_PFASOMP_24a | 1155836 | 0.37 | 0.24 | 2.5 | 0.12 | 2.3 | <0.01 | <0.01 | 0.17 | 0.18 | 0.45 | 0.04 | 0.07 | <0.01 |
| MW047 | 7/05/2025 | 0861_MW047_250507 | QLD_0861_PFASOMP_25 | 1217993 | 9.6 | 5.6 | 29 | 1.4 | 98 | 0.56 | 0.14 | 1.7 | 3.0 | 8.2 | 1.0 | 1.6 | 0.09 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW048 | 5/02/2018 | 0861_MW48_180205 | QLD_0861_PFAS | EB1803636 | 1.65 | 1.35 | 10.5 | 0.61 | 15.8 | - | <0.02 | 0.3 | 0.52 | 2.33 | 0.34 | 0.65 | <0.02 |
| MW048 | 5/02/2018 | 0861_MW48_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW048 | 30/04/2019 | 0861_MW48_190430 | QLD_0861_PFAS | EB1911342 | 1.10 | 1.11 | 8.19 | 0.32 | 9.42 | - | <0.02 | 0.2 | 0.35 | 1.48 | 0.20 | 0.31 | <0.02 |
| MW048 | 30/04/2019 | 0861_QC101_190430 | QLD_0861_PFAS | EB1911342 | 1.11 | 1.12 | 8.08 | 0.33 | 10.1 | - | <0.02 | 0.2 | 0.36 | 1.50 | 0.21 | 0.32 | <0.02 |
| MW048 | 30/04/2019 | 0861_QC201_190430 | QLD_0861_PFAS | 217104 | 1.3 | 1.6 | 8.8 | 0.37 | 11 | - | <0.02 | 0.36 | 0.40 | 1.6 | 0.25 | 0.47 | <0.01 |
| MW048 | 18/11/2019 | 0861_MW48_191118 | QLD_0861_PFAS | EB1931427 | 0.97 | 0.96 | 7.53 | 0.30 | 10.0 | - | <0.02 | 0.2 | 0.32 | 1.27 | 0.20 | 0.30 | <0.02 |
| MW048 | 24/04/2020 | 0861_MW048_200424 | QLD_0861_PFASOMP | EB2011246-AC | 0.9 | 1.01 | 6.79 | 0.33 | 9.63 | - | <0.04 | 0.2 | 0.32 | 1.23 | 0.18 | 0.29 | <0.04 |
| MW048 | 12/10/2020 | 0861_MW048_201012 | QLD_0861_PFASOMP | EB2027172 | 0.82 | 0.84 | 6.01 | 0.28 | 8.66 | - | <0.05 | 0.38 | 0.34 | 1.20 | 0.18 | 0.30 | <0.05 |
| MW048 | 16/04/2021 | 0861_MW048_210416 | QLD_0861_PFASOMP | EB2111121 | 0.47 | 0.47 | 3.22 | 0.14 | 4.77 | - | <0.02 | 0.1 | 0.18 | 0.60 | 0.09 | 0.15 | <0.02 |
| MW048 | 21/10/2021 | 0861_MW048_211021 | QLD_0861_PFASOMP | EB2130835 | 0.12 | 0.09 | 0.74 | 0.03 | 1.60 | - | <0.02 | <0.10 | 0.04 | 0.16 | <0.02 | 0.04 | <0.02 |
| MW048 | 29/03/2022 | 0861_MW048_220329 | QLD_0861_PFASOMP | EB2209950 | 0.37 | 0.33 | 2.19 | 0.13 | 2.96 | - | <0.02 | <0.1 | 0.12 | 0.44 | 0.06 | 0.13 | <0.02 |
| MW048 | 25/10/2022 | 0861_MW048_221025 | QLD_0861_PFASOMP | EB2231825 | 0.86 | 1.01 | 7.46 | 0.32 | 13.4 | - | <0.10 | <0.5 | 0.24 | 1.37 | 0.14 | 0.26 | <0.10 |
| MW048 | 17/04/2023 | 0861_MW048_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.39 | 0.45 | 2.97 | 0.16 | 5.66 | - | <0.02 | <0.1 | 0.14 | 0.45 | 0.08 | 0.12 | <0.02 |
| MW048 | 26/10/2023 | 0861_MW048_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.48 | 0.50 | 3.43 | 0.16 | 5.62 | - | <0.02 | <0.1 | 0.14 | 0.52 | 0.08 | 0.15 | <0.02 |
| MW048 | 26/10/2023 | 0861_QC109_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.44 | 0.53 | 3.53 | 0.19 | 6.52 | - | <0.02 | 0.1 | 0.15 | 0.49 | 0.08 | 0.10 | <0.02 |
| MW048 | 26/10/2023 | 0861_QC209_231026 | QLD_0861_PFASOMP_23 | RN1410504 | 0.43 | 0.37 | 2.7 | 0.12 | 4.8 | <0.01 | <0.01 | 0.13 | 0.14 | 0.46 | 0.063 | 0.11 | <0.01 |
| MW048 | 19/04/2024 | 0861_MW048_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 0.14 | 0.14 | 1.13 | 0.04 | 1.50 | - | <0.02 | <0.1 | 0.03 | 0.14 | <0.02 | 0.03 | <0.02 |
| MW048 | 12/11/2024 | 0861_MW048_241112 | QLD_0861_PFASOMP_24a | 1161658 | <0.01 | <0.01 | 0.06 | <0.01 | 0.75 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| MW048 | 12/11/2024 | 0861_QC201_241112 | QLD_0861_PFASOMP_24a | 366900 | 0.02 | <0.01 | 0.08 | <0.01 | 0.59 | - | <0.02 | <0.02 | <0.02 | 0.01 | <0.01 | <0.01 | <0.01 |
| MW048 | 30/04/2025 | 0861_MW048_250430 | QLD_0861_PFASOMP_25 | 1215849 | 0.15 | 0.14 | 2.1 | 0.07 | 2.8 | <0.01 | <0.01 | 0.10 | 0.10 | 0.36 | 0.04 | 0.12 | <0.01 |
| MW049 | 5/02/2018 | 0861_MW49_180205 | QLD_0861_PFAS | EB1803636 | 4.05 | 2.76 | 19.2 | 0.94 | 27.5 | - | <0.02 | 1.5 | 1.52 | 6.30 | 0.82 | 1.68 | <0.02 |
| MW049 | 5/02/2018 | 0861_MW49_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW049 | 5/02/2018 | 0861_QC123_180205 | QLD_0861_PFAS | EB1803636 | 4.01 | 2.58 | 15.9 | 0.87 | 24.2 | - | <0.02 | 1.6 | 1.60 | 6.65 | 0.88 | 1.71 | <0.02 |
| MW049 | 5/02/2018 | 0861_QC223_180205 | QLD_0861_PFAS | EB1803636 | 3.91 | 2.63 | 17.6 | 0.86 | 26.9 | - | <0.02 | 1.5 | 1.53 | 6.49 | 0.89 | 1.76 | <0.02 |
| MW049 | 30/04/2019 | 0861_MW49_190430 | QLD_0861_PFAS | EB1911342 | 3.39 | 2.60 | 16.3 | 0.52 | 27.2 | - | <0.02 | 1.3 | 1.35 | 5.05 | 0.53 | 0.88 | <0.02 |
| MW049 | 18/11/2019 | 0861_MW49_191119 | QLD_0861_PFAS | EB1931427 | 2.65 | 2.14 | 11.2 | 0.44 | 21.0 | - | <0.02 | 1.2 | 1.11 | 4.04 | 0.48 | 0.77 | <0.02 |
| MW049 | 18/11/2019 | 0861_QC103_191119 | QLD_0861_PFAS | EB1931427 | 2.67 | 2.09 | 11.0 | 0.41 | 21.2 | - | <0.02 | 1.1 | 1.12 | 3.92 | 0.48 | 0.78 | <0.02 |
| MW049 | 19/11/2019 | 0861_QC203_191118 | QLD_0861_PFAS | 231783 | 2.5 | 1.6 | 10 | 0.45 | 21 | - | <0.02 | 1.2 | 1.0 | 3.6 | 0.46 | 0.78 | <0.01 |
| MW049 | 24/04/2020 | 0861_MW049_200424 | QLD_0861_PFASOMP | EB2011246-AC | 1.53 | 1.41 | 8.3 | 0.39 | 15.2 | - | <0.03 | 0.2 | 0.54 | 2.21 | 0.3 | 0.6 | <0.03 |
| MW049 | 12/10/2020 | 0861_MW049_201012 | QLD_0861_PFASOMP | EB2027172 | 1.80 | 1.46 | 8.78 | 0.40 | 11.3 | - | <0.05 | 1.31 | 0.86 | 3.02 | 0.39 | 0.76 | <0.05 |
| MW049 | 21/10/2021 | 0861_MW049_211021 | QLD_0861_PFASOMP | EB2130835 | 1.93 | 1.81 | 10.5 | 0.51 | 15.4 | - | <0.02 | 0.8 | 0.90 | 3.49 | 0.41 | 1.07 | <0.02 |
| MW049 | 7/04/2022 | 0861_MW049_220407 | QLD_0861_PFASOMP | EB2209951 | 0.42 | 0.36 | 1.68 | 0.08 | 3.15 | - | <0.02 | 0.2 | 0.18 | 0.57 | 0.08 | 0.16 | <0.02 |
| MW049 | 25/10/2022 | 0861_MW049_221025 | QLD_0861_PFASOMP | EB2231825 | 1.49 | 1.17 | 5.68 | 0.22 | 10.2 | - | <0.02 | 0.6 | 0.61 | 2.55 | 0.28 | 0.40 | <0.02 |
| MW049 | 12/11/2024 | 0861_MW049_241112 | QLD_0861_PFASOMP_24a | 1161658 | 0.09 | 0.07 | 0.35 | <0.01 | 0.56 | <0.01 | <0.01 | <0.05 | 0.03 | 0.11 | 0.01 | 0.02 | <0.01 |
| MW049 | 12/11/2024 | 0861_QC101_241112 | QLD_0861_PFASOMP_24a | 1161658 | 0.09 | 0.07 | 0.41 | <0.01 | 0.64 | <0.01 | <0.01 | <0.05 | 0.04 | 0.12 | 0.02 | 0.02 | <0.01 |
| MW049 | 30/04/2025 | 0861_MW049_250430 | QLD_0861_PFASOMP_25 | 1215849 | 0.39 | 0.23 | 1.6 | 0.04 | 1.1 | <0.01 | <0.01 | 0.14 | 0.16 | 0.56 | 0.08 | 0.10 | <0.01 |
| MW050 | 5/02/2018 | 0861_MW50_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 30/04/2019 | 0861_MW50_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 25/11/2019 | 0861_MW50_191125 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 24/04/2020 | 0861_MW050_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 24/04/2020 | 0861_QC216_200424 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.01 | 0.024 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW050 | 12/10/2020 | 0861_MW050_201012 | QLD_0861_PFASOMP | EB2027208-AB | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 21/04/2021 | 0861_MW050_210421 | QLD_0861_PFASOMP | EB2111121 | 0.03 | <0.02 | 0.07 | <0.02 | 0.23 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 28/10/2021 | 0861_MW050_211028 | QLD_0861_PFASOMP | EB2130850 | 0.02 | <0.02 | 0.07 | <0.02 | 0.11 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 |
| MW050 | 30/03/2022 | 0861_MW050_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | 0.01 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 24/10/2022 | 0861_MW050_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | 0.07 | <0.02 | 0.10 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW050 | 17/04/2023 | 0861_MW050_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.04 | 0.02 | 0.13 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 17/04/2023 | 0861_QC100_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.04 | 0.02 | 0.12 | <0.02 | 0.22 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 17/04/2023 | 0861_QC200_230417 | QLD_0861_PFASOMP_23 | RN1393124 | 0.028 | 0.014 | 0.084 | <0.01 | 0.16 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW050 | 28/10/2023 | 0861_MW050_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | 0.04 | <0.02 | 0.10 | <0.02 | 0.22 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 19/04/2024 | 0861_MW050_240419 | QLD_0861_PFASOMP_24 | EB2413910 | 0.03 | <0.02 | 0.07 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW050 | 28/10/2024 | 0861_MW050_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW050 | 2/05/2025 | 0861_MW050_250502 | QLD_0861_PFASOMP_25 | 1215849 | 0.02 | <0.01 | 0.04 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054D | 21/02/2018 | 0861_MW54D_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | 0.07 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 5/04/2018 | 0861_MW54D_180405 | QLD_0861_PFAS | EB1808672 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 9/05/2019 | 0861_MW54D_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 9/05/2019 | 0861_QC101_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW054D | 9/05/2019 | 0861_QC201_190509 | QLD_0861_PFAS | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054D | 28/11/2019 | 0861_MW54D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 24/04/2020 | 0861_MW054D_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 23/10/2020 | 0861_MW054D_201023 | QLD_0861_PFASOMP | EB2027834 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 21/04/2021 | 0861_MW054D_210421 | QLD_0861_PFASOMP | EB2111111 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 28/10/2021 | 0861_MW054D_211028 | QLD_0861_PFASOMP | EB2130821 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 5/04/2022 | 0861_MW054D_220405 | QLD_0861_PFASOMP | EB2209940 | <0.02 | <0.02 | <0.03 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW054D | 9/11/2022 | 0861_MW054D_221109 | QLD_0861_PFASOMP | EB2233627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW054D | 26/04/2023 | 0861_MW054D_230426 | QLD_0861_PFASOMP_23 | EB2312770 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 26/10/2023 | 0861_MW054D_231026 | QLD_0861_PFASOMP_23 | EB2333895 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 16/04/2024 | 0861_MW054D_240416 | QLD_0861_PFASOMP_24 | EB2413937 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054D | 26/11/2024 | 0861_MW054D_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054D | 26/11/2024 | 0861_QC201_241126 | QLD_0861_PFASMGMT_24 | 367942 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054D | 28/04/2025 | 0861_MW054_D_250428 | QLD_0861_PFASOMP_25 | 1221796 | 0.04 | 0.02 | 0.10 | <0.01 | 0.05 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | 0.01 | <0.01 |
| MW054S | 21/02/2018 | 0861_MW54S_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | 0.03 | <0.01 | <0.02 |
| MW054S | 5/04/2018 | 0861_MW54S_180405 | QLD_0861_PFAS | EB1808672 | <0.02 | <0.02 | 0.02 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 9/05/2019 | 0861_MW54S_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 28/11/2019 | 0861_MW54S_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 24/04/2020 | 0861_MW054S_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW054S | 24/04/2020 | 0861_QC117_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | - | <0.10 | <0.50 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| MW054S | 24/04/2020 | 0861_QC217_200424 | QLD_0861_PFASOMP | RN1274651 | <0.01 | <0.01 | 0.061 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054S | 21/04/2021 | 0861_MW054S_210421 | QLD_0861_PFASOMP | EB2111111 | <0.05 | <0.02 | <0.02 | <0.02 | 0.10 | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 28/10/2021 | 0861_MW054S_211028 | QLD_0861_PFASOMP | EB2130821 | <0.05 | <0.05 | <0.05 | <0.05 | 0.07 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW054S | 5/04/2022 | 0861_MW054S_220405 | QLD_0861_PFASOMP | EB2209940 | <0.02 | <0.02 | 0.08 | <0.02 | 0.16 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | 0.01 | <0.02 |
| MW054S | 9/11/2022 | 0861_MW054S_221109 | QLD_0861_PFASOMP | EB2233627 | 0.03 | 0.03 | 0.20 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 | <0.02 |
| MW054S | 26/04/2023 | 0861_MW054S_230426 | QLD_0861_PFASOMP_23 | EB2312770 | <0.04 | 0.02 | 0.16 | <0.02 | 0.19 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | 0.01 | <0.02 |
| MW054S | 26/10/2023 | 0861_MW054S_231026 | QLD_0861_PFASOMP_23 | EB2333895 | 0.03 | <0.02 | 0.14 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 16/04/2024 | 0861_MW054S_240416 | QLD_0861_PFASOMP_24 | EB2413937 | <0.02 | <0.02 | 0.09 | <0.02 | 0.13 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW054S | 26/11/2024 | 0861_MW054S_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054S | 26/11/2024 | 0861_QC101_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | 0.04 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW054S | 28/04/2025 | 0861_MW054_S_250428 | QLD_0861_PFASOMP_25 | 1221796 | 0.02 | <0.01 | 0.06 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 |
| MW055D | 9/03/2018 | 0861_MW55D_180308 | QLD_0861_PFAS | EB1806399 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 6/04/2018 | 0861_MW55D_180406 | QLD_0861_PFAS | EB1808673 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 2/05/2019 | 0861_MW55D_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW055D | 21/11/2019 | 0861_MW55D_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 22/04/2020 | 0861_MW055D_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 14/10/2020 | 0861_MW055D_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW055D | 16/04/2021 | 0861_MW055D_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 21/10/2021 | 0861_MW055D_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 1/04/2022 | 0861_MW055D_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | 0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 20/10/2022 | 0861_MW055D_221020 | QLD_0861_PFASOMP | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 11/05/2023 | 0861_MW055D_230511 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 24/10/2023 | 0861_MW055D_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 16/04/2024 | 0861_MW055D_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | 0.03 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW055D | 4/11/2024 | 0861_MW55D_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW055D | 1/05/2025 | 0861_MW055_D_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW055S | 9/03/2018 | 0861_MW55S_180308 | QLD_0861_PFAS | EB1806399 | 0.12 | 0.13 | 0.86 | 0.05 | 0.38 | - | <0.02 | <0.1 | 0.02 | 0.07 | <0.02 | 0.01 | <0.02 |
| MW055S | 9/03/2018 | 0861_MW55S_180308 | QLD_0861_PFAS | ES1808754 | 0.08 | 0.15 | 0.85 | 0.05 | 0.33 | - | <0.02 | <0.1 | 0.03 | 0.05 | <0.02 | <0.01 | <0.02 |
| MW055S | 6/04/2018 | 0861_MW55_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW055S | 6/04/2018 | 0861_MW55S_180406 | QLD_0861_PFAS | EB1808673 | 0.06 | 0.08 | 0.62 | 0.03 | 0.23 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 | <0.02 |
| MW055S | 2/05/2019 | 0861_MW55S_190502 | QLD_0861_PFAS | EB1911342 | 0.08 | 0.10 | 0.80 | 0.05 | 0.47 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | 0.01 | <0.02 |
| MW055S | 2/05/2019 | 0861_QC103_190502 | QLD_0861_PFAS | EB1911342 | 0.08 | 0.11 | 0.81 | 0.04 | 0.46 | - | <0.02 | <0.1 | <0.02 | 0.07 | <0.02 | 0.02 | <0.02 |
| MW055S | 21/11/2019 | 0861_MW55S_191121 | QLD_0861_PFAS | EB1931427 | 0.10 | 0.12 | 0.90 | 0.07 | 0.53 | - | <0.02 | <0.1 | <0.02 | 0.09 | <0.02 | 0.05 | <0.02 |
| MW055S | 22/04/2020 | 0861_MW055S_200424 | QLD_0861_PFASOMP | EB2011246-AC | 0.1 | 0.12 | 0.7 | 0.06 | 0.68 | - | <0.02 | <0.1 | <0.02 | 0.09 | <0.02 | 0.04 | <0.02 |
| MW055S | 14/10/2020 | 0861_MW055S_201014 | QLD_0861_PFASOMP | EB2027172 | 0.14 | 0.16 | 0.98 | 0.06 | 1.00 | - | <0.02 | <0.10 | 0.03 | 0.11 | 0.03 | 0.07 | <0.02 |
| MW055S | 16/04/2021 | 0861_MW055S_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | 0.07 | 0.41 | 0.03 | 0.40 | - | <0.02 | <0.1 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MW055S | 21/10/2021 | 0861_MW055S_211021 | QLD_0861_PFASOMP | EB2130835 | 0.05 | 0.05 | 0.30 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.02 | <0.02 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW055S | 1/04/2022 | 0861_MW055S_220401 | QLD_0861_PFASOMP | EB2209950 | 0.06 | 0.07 | 0.40 | 0.02 | 0.32 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | 0.03 | <0.02 |
| MW055S | 20/10/2022 | 0861_MW055S_221020 | QLD_0861_PFASOMP | EB2231197 | <0.02 | <0.02 | 0.09 | <0.02 | 0.05 | - | <0.02 | <0.1 | <0.02 | 0.03 | <0.02 | <0.01 | <0.02 |
| MW055S | 11/05/2023 | 0861_MW055S_230511 | QLD_0861_PFASOMP_23 | EB2314270 | 0.06 | 0.05 | 0.30 | <0.02 | 0.18 | - | <0.02 | <0.1 | <0.02 | 0.05 | <0.02 | 0.02 | <0.02 |
| MW055S | 24/10/2023 | 0861_MW055S_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | 0.17 | 0.25 | 1.39 | 0.08 | 1.01 | - | <0.02 | <0.1 | 0.04 | 0.17 | 0.03 | 0.08 | <0.02 |
| MW055S | 16/04/2024 | 0861_MW055S_240416 | QLD_0861_PFASOMP_24 | EB2413910 | 0.20 | 0.26 | 1.60 | 0.08 | 1.12 | - | <0.02 | <0.1 | 0.04 | 0.18 | 0.04 | 0.08 | <0.02 |
| MW055S | 4/11/2024 | 0861_MW55S_241104 | QLD_0861_PFASOMP_24a | 1156536 | 0.16 | 0.18 | 1.3 | 0.07 | 0.67 | <0.01 | <0.01 | <0.05 | 0.03 | 0.19 | 0.03 | 0.07 | <0.01 |
| MW055S | 1/05/2025 | 0861_MW055_S_250501 | QLD_0861_PFASOMP_25 | 1215849 | 0.02 | 0.02 | 0.14 | <0.01 | 0.08 | <0.01 | <0.01 | <0.05 | 0.01 | 0.03 | <0.01 | 0.01 | <0.01 |
| MW056I | 21/02/2018 | 0861_MW56D_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | 0.02 | <0.01 | <0.02 |
| MW056I | 5/04/2018 | 0861_MW56D_180405 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 9/05/2019 | 0861_MW56D_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 28/11/2019 | 0861_MW56D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 22/04/2020 | 0861_MW056I_200422 | QLD_0861_PFASOMP | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 15/10/2020 | 0861_MW056I_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 15/04/2021 | 0861_MW056I_210415 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 22/10/2021 | 0861_MW056I_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 29/03/2022 | 0861_MW056I_220329 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 18/04/2023 | 0861_MW056I_230418 | QLD_0861_PFASOMP_23 | EB2312057 | <0.02 | <0.02 | 0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 30/10/2023 | 0861_MW056I_231026 | QLD_0861_PFASOMP_23 | EB2333894-AB | <0.02 | <0.02 | 0.02 | <0.02 | 0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056I | 16/04/2024 | 0861_MW056I_240416 | QLD_0861_PFASOMP_24 | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW056I | 8/11/2024 | 0861_MW056I_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW056I | 29/04/2025 | 0861_MW056_I_250429 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW056S | 21/02/2018 | 0861_MW56S_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 5/04/2018 | 0861_MW56S_180405 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 9/05/2019 | 0861_MW56S_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW056S | 28/11/2019 | 0861_MW56S_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 22/04/2020 | 0861_MW056S_200422 | QLD_0861_PFASOMP | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 15/10/2020 | 0861_MW056S_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW056S | 15/04/2021 | 0861_MW056S_210415 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 22/10/2021 | 0861_MW056S_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 29/03/2022 | 0861_MW056S_220329 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 29/03/2022 | 0861_QC171_220329 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 29/03/2022 | 0861_QC271_220329 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW056S | 26/10/2023 | 0861_MW056S_231026 | QLD_0861_PFASOMP_23 | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 16/04/2024 | 0861_MW056S_240416 | QLD_0861_PFASOMP_24 | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 16/04/2024 | 0861_QC107_240416 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW056S | 16/04/2024 | 0861_QC207_240416 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW056S | 8/11/2024 | 0861_MW056S_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW056S | 29/04/2025 | 0861_MW056_S_250429 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW057I | 22/02/2018 | 0861_MW57D_180222 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 6/04/2018 | 0861_MW57D_180406 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 6/04/2018 | 0861_QC134_080406 | QLD_0861_PFAS | EB1808675 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 6/04/2018 | 0861_QC234_180406 | QLD_0861_PFAS | 189173 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW057I | 14/05/2019 | 0861_MW57D_190514 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 14/05/2019 | 0861_QC101_190514 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 28/11/2019 | 0861_MW57D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 28/04/2020 | 0861_MW057I_200428 | QLD_0861_PFASOMP | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 15/10/2020 | 0861_MW057I_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 21/04/2021 | 0861_MW057I_210421 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 22/10/2021 | 0861_MW057I_211022 | QLD_0861_PFASOMP | EB2130815 | 0.14 | 0.09 | 0.41 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | 0.08 | <0.02 | 0.02 | <0.02 |
| MW057I | 26/11/2021 | 0861_MW057I_211126 | QLD_0861_PFASOMP | EB2134318 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 4/04/2022 | 0861_MW057I_220404 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | 0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 26/10/2022 | 0861_MW057I_221026 | QLD_0861_PFASOMP | EB2231850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 19/04/2023 | 0861_MW057I_230419 | QLD_0861_PFASOMP_23 | EB2312057 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 29/11/2023 | 0861_MW057I_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 3/05/2024 | 0861_MW057I_240503 | QLD_0861_PFASOMP_24 | EB2414909 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057I | 8/11/2024 | 0861_MW057I_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW057I | 28/04/2025 | 0861_MW057_I_250428 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW057S | 22/02/2018 | 0861_MW57S_180222 | QLD_0861_PFAS | EB1804971 | 0.12 | 0.08 | 0.13 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 6/04/2018 | 0861_MW57S_180406 | QLD_0861_PFAS | EB1808674 | 0.08 | 0.06 | 0.16 | <0.02 | 0.04 | - | <0.02 | <0.1 | 0.04 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 14/05/2019 | 0861_MW57S_190514 | QLD_0861_PFAS | EB1912390 | 0.08 | 0.04 | 0.10 | <0.02 | 0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 28/11/2019 | 0861_MW57S_191128 | QLD_0861_PFAS | EB1932183 | 0.12 | 0.05 | 0.09 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 28/04/2020 | 0861_MW057S_200428 | QLD_0861_PFASOMP | EB2011568 | 0.02 | <0.02 | 0.04 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 15/10/2020 | 0861_MW057S_201015 | QLD_0861_PFASOMP | EB2027208-AA | 0.09 | 0.05 | 0.07 | <0.02 | 0.04 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 21/04/2021 | 0861_MW057S_210421 | QLD_0861_PFASOMP | EB2111112 | 0.02 | <0.02 | 0.05 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 22/10/2021 | 0861_MW057S_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 26/11/2021 | 0861_MW057S_211126 | QLD_0861_PFASOMP | EB2134318 | 0.02 | <0.02 | 0.04 | <0.02 | 0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW057S | 4/04/2022 | 0861_MW057S_220404 | QLD_0861_PFASOMP | EB2209946 | 0.12 | 0.09 | 0.42 | <0.02 | 0.25 | - | <0.02 | <0.1 | 0.02 | 0.09 | 0.02 | 0.04 | <0.02 |
| MW057S | 4/04/2022 | 0861_QC179_220404 | QLD_0861_PFASOMP | EB2209942 | 0.14 | 0.12 | 0.48 | <0.02 | 0.28 | - | <0.02 | <0.1 | 0.03 | 0.10 | <0.02 | 0.05 | <0.02 |
| MW057S | 4/04/2022 | 0861_QC279_220404 | QLD_0861_PFASOMP | RN1349008 | 0.099 | 0.075 | 0.38 | <0.01 | 0.12 | <0.01 | <0.01 | <0.05 | 0.021 | 0.077 | 0.013 | 0.023 | <0.01 |
| MW057S | 26/10/2022 | 0861_MW057S_221026 | QLD_0861_PFASOMP | EB2231850 | 0.37 | 0.31 | 1.54 | 0.07 | 1.03 | - | <0.02 | 0.1 | 0.06 | 0.33 | 0.05 | 0.11 | <0.02 |
| MW057S | 19/04/2023 | 0861_MW057S_230419 | QLD_0861_PFASOMP_23 | EB2312057 | 0.28 | 0.21 | 0.97 | 0.02 | 0.28 | - | <0.02 | 0.1 | 0.04 | 0.19 | 0.03 | 0.06 | <0.02 |
| MW057S | 19/04/2023 | 0861_QC103_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | 0.29 | 0.25 | 0.90 | 0.03 | 0.30 | - | <0.02 | <0.1 | 0.04 | 0.15 | 0.04 | 0.07 | <0.02 |
| MW057S | 19/04/2023 | 0861_QC203_230419 | QLD_0861_PFASOMP_23 | RN1393124 | 0.25 | 0.18 | 0.81 | <0.01 | 0.17 | <0.01 | <0.01 | 0.093 | 0.031 | 0.15 | 0.024 | 0.039 | <0.01 |
| MW057S | 29/11/2023 | 0861_MW057S_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | 0.27 | 0.19 | 0.76 | 0.03 | 0.35 | - | <0.02 | <0.1 | 0.02 | 0.05 | <0.02 | 0.05 | <0.02 |
| MW057S | 3/05/2024 | 0861_MW057S_240503 | QLD_0861_PFASOMP_24 | EB2414909 | 0.07 | 0.06 | 0.27 | <0.02 | 0.15 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | 0.01 | <0.02 |
| MW057S | 8/11/2024 | 0861_MW057S_241108 | QLD_0861_PFASOMP_24a | 1158339 | 0.36 | 0.17 | 0.95 | 0.03 | 0.33 | <0.01 | <0.01 | 0.13 | 0.05 | 0.06 | 0.01 | 0.03 | <0.01 |
| MW057S | 28/04/2025 | 0861_MW057_S_250428 | QLD_0861_PFASOMP_25 | 1215379 | 0.09 | 0.05 | 0.34 | <0.01 | 0.09 | <0.01 | <0.01 | <0.05 | 0.02 | 0.06 | 0.01 | 0.03 | <0.01 |
| MW309 | 2/05/2019 | 0861_QC203_190502 | QLD_0861_PFAS | 217104 | 0.1 | 0.14 | 0.80 | 0.07 | 0.58 | - | <0.02 | 0.02 | <0.02 | 0.08 | 0.01 | 0.04 | <0.01 |
| MW309 | 8/05/2019 | 0861_MW309_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW309 | 8/05/2019 | 0861_QC103_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW309 | 27/11/2019 | 0861_MW309_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 27/04/2020 | 0861_MW309_200427 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 13/10/2020 | 0861_MW309_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MW309 | 20/04/2021 | 0861_MW309_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 26/10/2021 | 0861_MW309_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 30/03/2022 | 0861_MW309_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW309 | 25/10/2022 | 0861_MW309_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| MW309 | 20/04/2023 | 0861_MW309_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 20/04/2023 | 0861_QC104_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 20/04/2023 | 0861_QC204_230420 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW309 | 27/10/2023 | 0861_MW309_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 15/04/2024 | 0861_MW309_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | 0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW309 | 8/05/2025 | 0861_MW309_250508 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carb | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) |
| | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | | | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0002 | 0.01 | 0.0005 | 0.002 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | 0.13 | | | | | | | 220 | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | 0.00023 | | | | | | | 19 | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | |
| MW535 | 11/07/2024 | 0861_MW535_240711 | QLD_0861_PFASOMP_24 | EB2423759 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW535 | 1/11/2024 | 0861_MW535_241101 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW535 | 6/05/2025 | 0861_MW535_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW535 | 6/05/2025 | 0861_QC109_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW535 | 6/05/2025 | 0861_QC209_250506 | QLD_0861_PFASOMP_25 | 380688 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW536 | 11/07/2024 | 0861_MW536_240711 | QLD_0861_PFASOMP_24 | EB2423759 | 0.10 | 0.10 | 0.62 | 0.02 | 0.94 | - | <0.02 | 0.1 | 0.20 | 0.24 | 0.07 | 0.08 | <0.02 |
| MW536 | 31/10/2024 | 0861_MW536_241031 | QLD_0861_PFASOMP_24a | 1155836 | 0.09 | 0.07 | 0.48 | 0.02 | 0.66 | <0.01 | <0.01 | 0.10 | 0.18 | 0.22 | 0.06 | 0.06 | 0.01 |
| MW536 | 6/05/2025 | 0861_MW536_250506 | QLD_0861_PFASOMP_25 | 1217993 | 0.12 | 0.08 | 0.56 | 0.02 | 0.82 | <0.01 | <0.01 | 0.10 | 0.19 | 0.26 | 0.07 | 0.07 | 0.02 |
| MW537 | 11/07/2024 | 0861_MW537_240711 | QLD_0861_PFASOMP_24 | EB2423759 | 0.34 | 0.19 | 0.26 | <0.02 | 0.18 | - | <0.02 | 0.2 | 0.12 | 0.38 | 0.03 | 0.02 | <0.02 |
| MW537 | 31/10/2024 | 0861_MW537_241031 | QLD_0861_PFASOMP_24a | 1155836 | 0.28 | 0.12 | 0.14 | <0.01 | 0.07 | <0.01 | <0.01 | 0.11 | 0.09 | 0.35 | 0.02 | 0.01 | <0.01 |
| MW537 | 1/05/2025 | 0861_MW537_250501 | QLD_0861_PFASOMP_25 | 1215849 | 0.20 | 0.09 | 0.23 | <0.01 | 0.07 | <0.01 | <0.01 | 0.07 | 0.08 | 0.29 | 0.02 | 0.01 | <0.01 |
| MW538 | 11/07/2024 | 0861_MW538_240711 | QLD_0861_PFASOMP_24 | EB2423759 | <0.02 | <0.02 | 0.05 | <0.02 | <0.04 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 |
| MW538 | 4/11/2024 | 0861_MW538_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW538 | 1/05/2025 | 0861_MW538_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW538 | 1/05/2025 | 0861_QC106_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| MW538 | 1/05/2025 | 0861_QC206_250501 | QLD_0861_PFASOMP_25 | MGE0150 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 |
| MW539 | 11/07/2024 | 0861_MW539_240711 | QLD_0861_PFASOMP_24 | EB2423759 | 3.73 | 2.44 | 4.26 | <0.02 | <0.01 | - | <0.02 | 0.6 | 0.88 | 3.85 | 0.28 | 0.04 | <0.02 |
| MW539 | 11/07/2024 | 0861_QC100_240711 | QLD_0861_PFASOMP_24 | EB2423759 | 3.96 | 2.30 | 4.10 | <0.02 | <0.01 | - | <0.02 | 0.6 | 0.90 | 3.87 | 0.27 | 0.04 | <0.02 |
| MW539 | 31/10/2024 | 0861_MW539_241031 | QLD_0861_PFASOMP_24a | 1155836 | 2.9 | 1.9 | 3.1 | <0.01 | <0.01 | <0.01 | <0.01 | 0.48 | 0.64 | 2.9 | 0.21 | 0.02 | <0.01 |
| MW539 | 7/05/2025 | 0861_MW539_250507 | QLD_0861_PFASOMP_25 | 1217993 | 5.8 | 3.0 | 5.1 | <0.01 | <0.01 | <0.01 | <0.01 | 0.69 | 1.0 | 4.4 | 0.37 | 0.07 | <0.01 |

**Environmental Standards**

NHMRC, 25 June 2025, PFAS in Drinking Water (ADWG 2025)

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861-MW2_180208 | QLD_0861_PFAS | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW2_191120 | QLD_0861_PFAS | EB1931427 | <0.05 | <13.8 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <4.32 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW002_200421 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC210_200421 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW002_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW002_210413 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW002_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC157_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC257_211021 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW002_220331 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW002_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW002_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW002_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW002_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW002_241029 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW002_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| MW100 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW100_S_121016 | QLD_Hist_202012-3 | EB1226948 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW100_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW100_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW05_S_170228 | QLD_Hist_202012-3 | EB1703884 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW05_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW5_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.41** |
| 0861_QC101_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.29** |
| 0861_QC201_190507 | QLD_0861_PFAS | 217521 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.04** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.41** |
| 0861_MW05_19119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW005_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW005_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC128_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC228_201016 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW005_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_MW005_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.05** |
| 0861_MW005_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.07** |
| 0861_MW005_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.07** |
| 0861_MW005_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_QC111_231028 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_QC211_231028 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW005_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW005_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW005_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** |
| 0861_MW005_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** |
| MW101 | QLD_Hist_202012-3 | EB1220053 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW101_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | - | - | **0.5** | - | - | - | - | - | - | - | - | - | - |
| 5259_MW101_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | - | - | **1.2** | - | - | - | - | - | - | - | - | - | - |
| E0861_MW101_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - | **1.2** | - | - | - | - | - | - | - | - | - | - |
| 0861_MW06_S_170221 | QLD_Hist_202012-3 | EB1703368 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.29** | <0.05 | <0.05 | **0.18** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **172** |
| 0861_QC101_170221 | QLD_Hist_202012-3 | EB1703368 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.28** | <0.05 | <0.05 | **0.17** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **187** |
| 0861_QC201_170221 | QLD_Hist_202012-3 | 535101 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <1.5 | <0.3 | - | <1.5 | - | <1.5 | - | - | <1.5 | - | - |
| 0861_MW06_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.31** | <0.05 | <0.05 | **0.21** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **167** |
| 0861_MW06_190513 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.33** | **0.07** | <0.05 | **0.26** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **76.1** |
| MW06_191203 | QLD_0861_PFAS | EB1932627 | <0.24 | <0.24 | <0.73 | <0.24 | <0.61 | <0.24 | **0.27** | <0.24 | <0.24 | <0.24 | <0.61 | <0.24 | <0.61 | <0.61 | <0.24 | <0.61 | **88.8** |
| 0861_MW006_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.16 | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | **0.4** | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | <0.4 | <0.4 | <0.16 | <0.4 | **57.4** |
| 0861_QC113_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.16 | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | **0.47** | <0.16 | <0.16 | <0.16 | <0.4 | <0.16 | <0.4 | <0.4 | <0.16 | <0.4 | **64.2** |
| 0861_QC213_200422 | QLD_0861_PFASOMP | RN1274652 | **0.012** | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.41** | **0.032** | <0.01 | **0.16** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW006_201021 | QLD_0861_PFASOMP | EB2027539 | <0.08 | <0.08 | <0.08 | <0.08 | <0.20 | <0.08 | **0.29** | <0.08 | <0.08 | **0.23** | <0.20 | <0.08 | <0.20 | <0.20 | <0.08 | <0.20 | **54.0** |
| 0861_QC134_201021 | QLD_0861_PFASOMP | EB2027539 | <0.17 | <0.17 | <0.17 | <0.17 | <0.43 | <0.17 | **0.90** | <0.17 | <0.17 | **0.34** | <0.43 | <0.17 | <0.43 | <0.43 | <0.17 | <0.43 | **56.3** |
| 0861_QC234_201021 | QLD_0861_PFASOMP | RN1292508 | **0.01** | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.31** | **0.049** | <0.01 | **0.13** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW006_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.36** | **0.06** | <0.05 | **0.35** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **55.1** |
| 0861_MW006_211027 | QLD_0861_PFASOMP | EB2130850 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.37** | <0.10 | <0.10 | **0.10** | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **52.7** |
| 0861_MW006_220407 | QLD_0861_PFASOMP | EB2209951 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.39** | <0.05 | <0.05 | **0.28** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **52.5** |
| 0861_MW006_221026 | QLD_0861_PFASOMP | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.42** | <0.05 | <0.05 | **0.22** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **56.7** |
| 0861_MW006_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.55** | <0.05 | <0.05 | **0.13** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **55.2** |
| 0861_MW006_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | **0.43** | <0.10 | <0.10 | **0.20** | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | **48.1** |
| 0861_MW006_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.51** | <0.10 | <0.10 | **0.17** | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **68.6** |
| 0861_MW006_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.39** | **0.04** | <0.01 | **0.23** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **72** |
| 0861_MW006_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.38** | **0.04** | <0.01 | **0.22** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **146** |
| RAAFAmb MW102 26/07/2012 | QLD_Hist_202012-3 | EB1219768 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW102_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW102_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW102_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW07_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.24** | <0.05 | <0.05 | **1.62** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **109** |
| 0861_MW07_171011 | QLD_Hist_202012-3 | EB1721001 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.23** | <0.05 | <0.05 | **0.32** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **73.3** |
| 0861_MW07_190513 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | **0.57** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **49.7** |
| 0861_QC101_190513 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.16** | <0.05 | <0.05 | **0.59** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **51.2** |
| MW102_190625 | QLD_0861_FSBGME | 662866 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.25** | <0.01 | <0.01 | **0.56** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **98** |
| 0861_QC201_191203 | QLD_0861_PFAS | 232657 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.20** | <0.01 | <0.01 | **0.5** | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **51** |
| MW07_191203 | QLD_0861_PFAS | EB1932627 | <0.24 | <0.24 | <1.06 | <0.24 | <0.60 | <0.24 | <0.24 | <0.24 | <0.24 | **0.29** | <0.60 | <0.24 | <0.60 | <0.60 | <0.24 | <0.60 | **49.8** |
| QC101_191203 | QLD_0861_PFAS | EB1932627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.18** | <0.05 | <0.05 | **0.48** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **56.1** |
| 0861_MW007_200428 | QLD_0861_PFASOMP | EB2011562 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | **0.18** | <0.06 | <0.06 | **0.14** | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 | **51.8** |
| 0861_MW007_201019 | QLD_0861_PFASOMP | EB2027539 | <0.04 | <0.04 | <0.04 | <0.04 | <0.10 | <0.05 | **0.12** | <0.05 | <0.05 | **0.51** | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 | **47.7** |
| 0861_QC129_201019 | QLD_0861_PFASOMP | EB2027539 | <0.20 | <0.20 | <0.20 | <0.20 | <0.50 | <0.20 | **1.74** | <0.20 | <0.20 | **0.50** | <0.50 | <0.20 | <0.50 | <0.50 | <0.20 | <0.50 | **44.4** |
| 0861_QC229_201019 | QLD_0861_PFASOMP | RN1292508 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.13** | <0.01 | <0.01 | **0.12** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW007_210419 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | **0.53** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **48.4** |
| 0861_MW007_211027 | QLD_0861_PFASOMP | EB2130850 | <0.04 | <0.04 | <0.04 | <0.04 | <0.09 | <0.05 | <0.15 | <0.05 | <0.05 | <0.48 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 | **53.4** |
| 0861_QC165_211027 | QLD_0861_PFASOMP | EB2130850 | <0.04 | <0.04 | <0.04 | <0.04 | <0.11 | <0.05 | **0.12** | <0.05 | <0.05 | <0.42 | <0.11 | <0.04 | <0.11 | <0.11 | <0.04 | <0.11 | **51.7** |
| 0861_QC265_211027 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.085** | <0.01 | <0.01 | **0.13** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW007_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.10** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **5.95** |
| 0861_MW007_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **16.4** |
| 0861_MW007_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.05** | <0.05 | <0.05 | **0.09** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **22.2** |
| 0861_MW007_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.13** | <0.05 | <0.05 | **0.06** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **21.1** |
| 0861_MW007_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.11** | <0.05 | <0.05 | **0.11** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **33.9** |
| 0861_MW007_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | **0.17** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **32.2** |
| 0861_MW007_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | **0.05** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **6.9** |
| MW108 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW108_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW108_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW108_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW12_S_170223 | QLD_Hist_202012-3 | EB1703601 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW12_S_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW12_190508 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW12_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW012_200427 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW012_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | **0.09** | <0.12 | <0.12 | **0.05** | <0.12 | <0.05 |
| 0861_MW012_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW012_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC166_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC266_211027 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW012_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.17** |
| 0861_MW012_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_QC192_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_QC292_221024 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW012_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_QC212_231027 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0681_QC112_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW012_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW012_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW012_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW012_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| MW119 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_MW119_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | - | - | **0.3** | - | - | - | - | - | - | - | - | - | - |
| 5259_MW119_S_130206 | QLD_Hist_202012-3 | EB1302670 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW119_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW20_S_170223 | QLD_Hist_202012-3 | EB1703601 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.81** |
| 0861_MW20_171009 | QLD_Hist_202012-3 | EB1720776 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **3.89** |
| 0861_MW20_190508 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.14** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **22.7** |
| MW69_190625 | QLD_0861_FSBGME | 662866 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.11** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **14.9** |
| QC101_190625 | QLD_0861_FSBGME | 662866 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.41** | **0.01** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **51** |
| QC201_190625 | QLD_0861_FSBGME | EB1917024 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **34.3** |
| 0861_MW20_191125 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **9.76** |
| 0861_MW020_200427 | QLD_0861_PFASOMP | EB2011562 | <0.07 | <0.07 | <0.07 | <0.07 | <0.18 | <0.07 | **0.08** | <0.07 | <0.07 | <0.07 | <0.18 | <0.07 | <0.18 | <0.18 | <0.07 | <0.18 | **20.5** |
| 0861_MW020_201013 | QLD_0861_PFASOMP | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **6.82** |
| 0861_MW020_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.34** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **40.9** |
| 0861_MW020_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.15** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **12.8** |
| 0861_MW020_220406 | QLD_0861_PFASOMP | EB2209951 | **0.11** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.71** | <0.10 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **85.9** |
| 0861_MW020_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **3.25** |
| 0861_MW020_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | **0.88** | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | **134** |
| 0861_QC213_231023 | QLD_0861_PFASOMP_23 | RN1410504 | **0.058** | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.68** | **0.079** | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0681_QC113_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | **0.06** | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.78** | **0.07** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **119** |
| 0861_MW020_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.24 | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | **0.76** | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | <0.59 | <0.59 | <0.24 | <0.59 | **146** |
| 0861_MW020_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.24 | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | **0.49** | <0.24 | <0.24 | <0.24 | <0.59 | <0.24 | <0.59 | <0.59 | <0.24 | <0.59 | **106** |
| 0861_MW020_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.67** |
| 0861_MW020_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.06** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **10.7** |
| 0861_QC110_250507 | QLD_0861_PFASOMP_25 | 1217993 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **15.6** |
| 0861_QC210_250507 | QLD_0861_PFASOMP_25 | 380688 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.02 | **0.08** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **17** |
| 0861_MW21_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | **0.05** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **75.3** |
| 0861_MW21_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | **0.07** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **70.1** |
| 0861_MW021_200429 | QLD_0861_PFASOMP | EB2011562 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 | **57.8** |
| 0861_MW021_201014 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **53.9** |
| 0861_MW021_210419 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **81.3** |
| 0861_MW021_211028 | QLD_0861_PFASOMP | EB2130850 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.17 | <0.17 | <0.07 | <0.17 | **95.6** |
| 0861_MW021_220330 | QLD_0861_PFASOMP | EB2209950 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **59.9** |
| 0861_MW021_221026 | QLD_0861_PFASOMP | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **88.0** |
| 0861_MW021_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | **142** |
| 0861_QC106_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.24 | <0.24 | <0.24 | <0.24 | <0.61 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 | <0.61 | <0.24 | <0.61 | <0.61 | <0.24 | <0.61 | **139** |
| 0861_QC206_230428 | QLD_0861_PFASOMP_23 | RN1393133 | **0.013** | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.052** | **0.053** | <0.01 | **0.01** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW021_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.24 | <0.10 | <0.10 | <0.20 | <0.10 | <0.10 | <0.24 | <0.10 | <0.24 | <0.24 | <0.10 | <0.24 | **191** |
| 0861_MW021_241101 | QLD_0861_PFASOMP_24a | 1156536 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | **0.05** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **130** |
| 0861_MW021_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **35** |
| 5259_MW201_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW201_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW22_S_1700302 | QLD_Hist_202012-3 | EB1704146 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **31.9** |
| 0861_MW22_S_171016 | QLD_Hist_202012-3 | EB1721395 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **14.1** |
| 0861_MW22_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **17.3** |
| 0861_MW22_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **11.9** |
| 0861_MW022_200421 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **9.31** |
| 0861_MW022_201012 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **10.2** |
| 0861_MW022_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **18.1** |
| 0861_MW022_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **9.01** |
| 0861_MW022_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.24** |
| 0861_MW022_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.54** |
| 0861_QC198_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.64** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_QC298_221109 | QLD_0861_PFASOMP | RN1373013 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW022_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.03 | <0.03 | <0.03 | <0.03 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.06 | <0.03 | <0.06 | <0.06 | <0.03 | <0.06 | **8.95** |
| 0861_MW022_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **10.1** |
| 0861_MW022_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.47** |
| 0861_MW022_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **6.3** |
| 0861_MW022_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.26** |
| 5259_MW202_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW202_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW23_S_170221 | QLD_Hist_202012-3 | EB1703368 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.38** |
| 0861_MW23_S_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.19** |
| 0861_MW23_190513 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.23** |
| MW23_191203 | QLD_0861_PFAS | EB1932627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.33** |
| 0861_MW023_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.27** |
| 0861_MW023_201021 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.23** |
| 0861_QC133_201021 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.34** |
| 0861_QC233_201021 | QLD_0861_PFASOMP | RN1292508 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW023_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.15** |
| 0861_MW023_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.52** |
| 0861_MW023_220407 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.84** |
| 0861_MW023_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.50** |
| 0861_MW023_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.42** |
| 0861_QC105_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.42** |
| 0861_QC205_230426 | QLD_0861_PFASOMP_23 | RN1393133 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW023_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.59** |
| 0861_MW023_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.90** |
| 0861_MW023_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.49** |
| 0861_MW023_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.47** |
| 5259_MW203_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 5259_QC9_MW_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW203_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW24_S_170303 | QLD_Hist_202012-3 | EB1704238 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW24_S_171013 | QLD_Hist_202012-3 | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW24_190501 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW24_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW024_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW024_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW024_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW024_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW024_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW024_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.16** |
| 0861_MW024_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW024_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW024_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.1** |
| 0861_MW024_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** |
| 5259_MW204_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW204_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW25_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.58** |
| 0861_MW25_171011 | QLD_Hist_202012-3 | EB1721001 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.59** |
| 0861_QC302_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW25_190501 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.53** |
| 0861_MW25_191120 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.73** |
| 0861_MW025_200427 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.77** |
| 0861_MW025_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.57** |
| 0861_QC123_201014 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.53** |
| 0861_QC223_201014 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW025_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.95** |
| 0861_MW025_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.72** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW025_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.63** |
| 0861_MW025_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.44** |
| 0861_MW025_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.37** |
| 0861_MW025_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.36** |
| 0861_MW025_240503 | QLD_0861_PFASOMP_24 | EB2414902 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.46** |
| 0861_MW025_241101 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.97** |
| 0861_QC201_241101 | QLD_0861_PFASOMP_24a | 365539 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.03** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **2.6** |
| 0861_MW025_250506 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.3** |
| E0861_MW205B_S_130830 | QLD_Hist_202012-3 | EB1323023 | - | - | - | - | - | - | **0.1** | - | - | - | - | - | - | - | - | - | - |
| 0861_MW26_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW26_171009 | QLD_Hist_202012-3 | EB1720776 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW26_190507 | QLD_0861_PFAS | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.20** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW26_191125 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW026_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW026_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW026_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW026_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW026_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW026_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW026_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW026_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW026_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW026_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.04** |
| E0861_MW300_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW28_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **60.6** |
| 0861_MW28_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **47.5** |
| 0861_MW300_180116 | QLD_0861_PFAS | EB1802042 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW28_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **30.7** |
| 0861_MW28_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **54.2** |
| 0861_QC105_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **57.5** |
| 0861_QC205_191127 | QLD_0861_PFAS | 232094 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.06** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **83** |
| 0861_MW028_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **44.2** |
| 0861_MW028_201015 | QLD_0861_PFASOMP | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **48.1** |
| 0861_MW028_210416 | QLD_0861_PFASOMP | EB2111121 | <0.08 | <0.08 | <0.08 | <0.08 | <0.21 | <0.08 | <0.08 | <0.08 | <0.08 | <0.08 | <0.21 | <0.08 | <0.21 | <0.21 | <0.08 | <0.21 | **66.5** |
| 0861_MW028_211021 | QLD_0861_PFASOMP | EB2130835 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **60.1** |
| 0861_MW028_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.87** |
| 0861_MW028_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **16.3** |
| 0861_MW028_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **26.4** |
| 0861_MW028_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **21.7** |
| 0861_MW028_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **52.6** |
| 0861_MW028_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.11** | **0.19** | **0.07** | **0.04** | <0.05 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | **0.22** | **61** |
| 0861_MW028_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **20.1** |
| E0861_MW301_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW29_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.29** |
| 0861_MW29_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.1** |
| 0861_MW29_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **5.79** |
| 0861_MW29_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.24** |
| 0861_MW029_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.05** |
| 0861_MW029_201015 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.91** |
| 0861_MW029_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.27** |
| 0861_MW029_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **9.92** |
| 0861_MW029_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **11.2** |
| 0861_MW029_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **11.8** |
| 0861_MW029_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **9.56** |
| 0861_MW029_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.51** |
| 0861_MW029_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **9.06** |
| 0861_QC109_240418 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.76** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_QC209_240418 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW029_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **5.9** |
| 0861_QC201_241104 | QLD_0861_PFASOMP_24a | 365857 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **7.7** |
| 0861_MW029_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.9** |
| 0861_QC102_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.3** |
| 0861_QC202_250429 | QLD_0861_PFASOMP_25 | MGE0150 | <0.020 | <0.020 | <0.050 | <0.10 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | **9.0** |
| 0861_MW30_S_170227 | QLD_Hist_202012-3 | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.32** |
| 0861_MW30_S_171018 | QLD_Hist_202012-3 | EB1721647 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.64** |
| 0861_MW30_190510 | QLD_0861_PFAS | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **2.59** |
| 0861_MW30_191120 | QLD_0861_PFAS | EB1931427 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **2.75** |
| 0861_MW030_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.72** |
| 0861_MW030_201013 | QLD_0861_PFASOMP | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **2.91** |
| 0861_MW030_210413 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.96** |
| 0861_MW030_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **3.41** |
| 0861_MW030_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **5.43** |
| 0861_MW030_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **11.6** |
| 0861_MW030_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **12.9** |
| 0861_MW030_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **11.7** |
| 0861_MW030_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **13.7** |
| 0861_MW030_241101 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **13.26** |
| 0861_MW030_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **17.38** |
| 0861_QC101_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **18.51** |
| 0861_QC201_250428 | QLD_0861_PFASOMP_25 | MGE0150 | <0.020 | <0.020 | <0.050 | <0.10 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 | **22** |
| E0861_MW302_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| E0861_MW303_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW31_S_170227 | QLD_Hist_202012-3 | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC102_170227 | QLD_Hist_202012-3 | EB1703780 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC202_170227 | QLD_Hist_202012-3 | 535909 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - |
| 0861_MW31_S_171018 | QLD_Hist_202012-3 | EB1721647 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW31_190510 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.15** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_QC103_190510 | QLD_0861_PFAS | EB1911948 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_QC203_190510 | QLD_0861_PFAS | 217521 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.02** |
| 0861_MW31_191120 | QLD_0861_PFAS | EB1931427 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW031_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC211_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW031_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW031_210413 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW031_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW031_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW031_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW031_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW031_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC101_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC201_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW031_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW031_241101 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW031_250428 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| E0861_MW305_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 0861_MW32_S_170224 | QLD_Hist_202012-3 | EB1703684 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **28.9** |
| 0861_MW32_S_171017 | QLD_Hist_202012-3 | EB1721554 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **30.8** |
| 0861_MW32_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **25.1** |
| 0861_MW32_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **24.8** |
| 0861_MW032_200427 | QLD_0861_PFASOMP | EB2011562 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.17 | <0.07 | <0.17 | <0.17 | <0.07 | <0.17 | **29.8** |
| 0861_MW032_201012 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.10** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **27.6** |
| 0861_MW032_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **31.8** |
| 0861_QC149_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **31.3** |
| 0861_QC249_210421 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.062** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW032_211025 | QLD_0861_PFASOMP | EB2130850 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.13** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **33.2** |
| 0861_QC162_211025 | QLD_0861_PFASOMP | EB2130850 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **32.8** |
| 0861_QC262_211025 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.11** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW032_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **34.8** |
| 0861_MW032_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **37.4** |
| 0861_MW032_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.11 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **27.8** |
| 0861_MW032_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **29.9** |
| 0861_MW032_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **35.3** |
| 0861_MW032_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **26** |
| 0861_MW032_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **45.8** |
| 0861_MW37_S_170222 | QLD_Hist_202012-3 | EB1703481 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| MW401 | QLD_Hist_202012-3 | 539718 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - |
| 0861_MW37_S_171010 | QLD_Hist_202012-3 | EB1720882 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW33_180208 | QLD_0861_PFAS | EB1803867 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW33_190514 | QLD_0861_PFAS | EB1912390 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **0.06** |
| 0861_MW033_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW033_201019 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC132_201019 | QLD_0861_PFASOMP | EB2027539 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC232_201019 | QLD_0861_PFASOMP | RN1292508 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.023** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW033_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW033_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW033_220406 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC181_220406 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC281_220406 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW033_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW033_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW033_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW033_240417 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.19** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC108_240417 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.17** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC208_240417 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.1** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW033_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_QC103_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.06** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW033_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW36_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW34_190510 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW34_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC103_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC201_191121 | QLD_0861_PFAS | 232494 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 |
| 0861_QC203_191121 | QLD_0861_PFAS | 231783 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.01** |
| MW34_191202 | QLD_0861_PFAS | EB1932627 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.001 | **0.002** | <0.001 | <0.001 | <0.0005 | <0.001 | <0.0005 | <0.001 | <0.001 | <0.0005 | <0.001 | **0.0038** |
| 0861_MW034_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.21** |
| 0861_QC215_200423 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW034_201013 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC121_201013 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC221_201013 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW034_210419 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.59** |
| 0861_QC147_210419 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC247_210419 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW034_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW034_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW034_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW034_230522 | QLD_0861_PFASOMP_23 | EB2315514 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.07** |
| 0861_MW034_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW034_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW034_241029 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** |
| 0861_QC201_241031 | QLD_0861_PFASOMP_24a | 365539 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.09** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.04** |
| 0861_MW034_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | | |
| 0861_MW35_S_170301 | QLD_Hist_202012-3 | EB1704014 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW35_S_171013 | QLD_Hist_202012-3 | EB1721221 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW35_190501 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW35_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_221109 | QLD_0861_PFASOMP | EB2233631 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_230509 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW035_241106 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW035_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW33_S_170228 | QLD_Hist_202012-3 | EB1703884 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW33_S_171012 | QLD_Hist_202012-3 | EB1721110 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW36_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.05** |
| 0861_MW36_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW036_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW036_201015 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW036_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_MW036_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW036_220404 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW036_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_QC193_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_QC293_221025 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW036_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_QC107_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_QC207_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW036_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW036_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW036_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.05** |
| 0861_QC101_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.07** |
| 0861_MW036_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** |
| 0861_MW34_S_170224 | QLD_Hist_202012-3 | EB1703684 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **3.72** |
| 0861_MW34_171011 | QLD_Hist_202012-3 | EB1721001 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.6** |
| 0861_QC101_171011 | QLD_Hist_202012-3 | EB1721001 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.98** |
| 0861_QC201_171011 | QLD_Hist_202012-3 | EB1721001 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.25** | <0.05 | <0.05 | **0.28** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **66.7** |
| 0861_MW37_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.54** |
| 0861_MW37_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **5.82** |
| 0861_MW037_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.04 | <0.04 | <0.04 | <0.04 | <0.09 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 | **4.6** |
| 0861_QC212_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW037_201012 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.28** |
| 0861_MW037_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **3.63** |
| 0861_MW037_211027 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **3.80** |
| 0861_MW037_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.26** |
| 0861_MW037_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.32** |
| 0861_MW037_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.82** |
| 0861_MW037_230810 | QLD_0861_Stage2_23 | 1018693 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **5.58** |
| 0861_MW037_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **5.94** |
| 0861_QC100_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.90** |
| 0861_QC200_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW037_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.98** |
| 0861_QC106_240415 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.91** |
| 0861_QC206_240415 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW037_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **8.07** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_QC101_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **7.45** |
| 0861_MW037_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **7.24** |
| 0861_MW41_180221 | QLD_0861_PFAS | EB1804971 | <0.05 | <0.05 | **0.05** | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW41_190508 | QLD_0861_PFAS | EB1911948 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| MW41_191202 | QLD_0861_PFAS | EB1932627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW041_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW041_201014 | QLD_0861_PFASOMP | EB2027172 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW041_211022 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW041_220405 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.44** |
| 0861_MW041_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | **0.02** | **0.03** | **0.10** | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.12** |
| 0861_MW041_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_MW041_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.26** |
| 0861_MW041_240503 | QLD_0861_PFASOMP_24 | EB2414902 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.49** |
| 0861_MW041_241031 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.39** |
| 0861_MW041_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.62** |
| 0861_MW42_180206 | QLD_0861_PFAS | EB1803636 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW42_190503 | QLD_0861_PFAS | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW42_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW042_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW042_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW042_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC144_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC244_210415 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW042_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_QC163_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_QC263_211026 | QLD_0861_PFASOMP | RN1333717 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW042_220405 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW042_221026 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW042_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.07** |
| 0861_MW042_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW042_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.21** |
| 0861_MW042_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.13** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.35** |
| 0861_MW042_250502 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.07** |
| 0861_MW43_180222 | QLD_0861_PFAS | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_QC126_180222 | QLD_0861_PFAS | EB1804971 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW43_190503 | QLD_0861_PFAS | EB1911342 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW43_191126 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.15** |
| 0861_MW043_200428 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW043_201016 | QLD_0861_PFASOMP | EB2027176-AA | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_MW043_210415 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW043_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.49** |
| 0861_MW043_220405 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.39** |
| 0861_MW043_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.10** |
| 0861_QC196_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.14** |
| 0861_QC296_221025 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW043_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.70** |
| 0861_MW043_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.10** |
| 0861_MW043_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.46** |
| 0861_MW043_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.71** |
| 0861_MW043_250502 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.14** |
| 0861_QC226-180222 | QLD_0861_PFAS | 186049 | <0.1 | <0.1 | <0.2 | <0.5 | <2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.5 | <0.2 | <0.1 | <0.2 | <0.5 | <0.1 | <2 | - |
| 0861_MW44_180206 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW44_190507 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW44_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW044_200422 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.13** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW044_201015 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW044_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW044_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW044_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_QC176_220401 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC276_220401 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW044_221026 | QLD_0861_PFASOMP | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | <0.25 |
| 0861_QC197_221026 | QLD_0861_PFASOMP | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | <0.25 |
| 0861_QC297_221026 | QLD_0861_PFASOMP | RN1371573 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW044_230511 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW044_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_QC108_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW044_240418 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW044_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW044_250429 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** |
| 0861_MW46_180207 | QLD_0861_PFAS | EB1803867 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **15.8** | **1.59** | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **298** |
| 0861_MW46_180207 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0861_MW46_190506 | QLD_0861_PFAS | EB1911948 | <0.20 | <0.20 | <0.20 | <0.20 | <0.50 | <0.20 | **38.8** | **3.00** | <0.20 | <0.20 | <0.50 | <0.20 | <0.50 | <0.50 | <0.20 | <0.50 | **417** |
| MW46_190625 | QLD_0861_FSBGME | 662866 | **0.14** | <0.1 | <0.1 | <0.1 | <0.1 | **0.09** | **37** | **3.7** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | **520** |
| 0861_MW46_191118 | QLD_0861_PFAS | EB1931427 | **0.12** | <0.02 | <0.02 | <0.02 | <0.05 | **0.11** | **7.83** | **2.31** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **330** |
| 0861_MW046_200427 | QLD_0861_PFASOMP | EB2011562 | <1.62 | <1.62 | <1.62 | <1.62 | <4.05 | <1.62 | **41.2** | **2.92** | <1.62 | <1.62 | <4.05 | <1.62 | <4.05 | <4.05 | <1.62 | <4.05 | **373** |
| 0861_MW046_201019 | QLD_0861_PFASOMP | EB2027539 | <0.44 | <0.44 | <0.44 | <0.44 | <1.11 | <0.44 | **43.8** | **1.74** | <0.44 | <0.44 | <1.11 | <0.44 | <1.11 | <1.11 | <0.44 | <1.11 | **365** |
| 0861_QC130_201019 | QLD_0861_PFASOMP | EB2027539 | <0.18 | <0.18 | <0.18 | <0.18 | <0.45 | <0.18 | **41.2** | **2.08** | <0.18 | <0.18 | <0.45 | <0.18 | <0.45 | <0.45 | <0.18 | <0.45 | **381** |
| 0861_QC230_201019 | QLD_0861_PFASOMP | RN1292508 | **0.074** | <0.01 | <0.01 | <0.02 | <0.02 | **0.1** | **36** | **1.7** | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW046_210421 | QLD_0861_PFASOMP | EB2111121 | **0.09** | <0.05 | <0.05 | <0.05 | <0.12 | **0.09** | **38.5** | **2.98** | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **420** |
| 0861_MW046_211026 | QLD_0861_PFASOMP | EB2130850 | <0.50 | <0.50 | <0.50 | <0.50 | <1.25 | <0.50 | **33.6** | **1.75** | <0.50 | <0.50 | <1.25 | <0.50 | <1.25 | <1.25 | <0.50 | <1.25 | **277** |
| 0861_MW046_220330 | QLD_0861_PFASOMP | EB2209950 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | **34.5** | **1.60** | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | **264** |
| 0861_MW046_221025 | QLD_0861_PFASOMP | EB2231825 | <0.25 | <0.25 | <0.25 | <0.25 | <0.63 | <0.25 | **34.6** | **1.74** | <0.25 | <0.25 | <0.63 | <0.25 | <0.63 | <0.63 | <0.25 | <0.63 | **335** |
| 0861_MW046_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | **13.9** | **0.80** | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | **121** |
| 0861_MW046_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | **24.1** | **2.55** | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 | **247** |
| 0861_MW046_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **3.43** | <0.20 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **36.3** |
| 0861_MW046_241031 | QLD_0861_PFASOMP_24a | 1155836 | **0.09** | <0.01 | <0.01 | <0.01 | **0.04** | **0.07** | **41** | **1.1** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **360** |
| 0861_MW046_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.66** | **0.07** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **11.1** |
| 0861_MW47_180115 | QLD_0861_PFAS | EB1802042 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.51** |
| 0861_MW47_180406 | QLD_0861_PFAS | EB1808673 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.30** |
| 0861_MW47_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0861_MW47_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW47_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW047_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.04 | <0.04 | <0.04 | <0.04 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.1 | <0.04 | <0.1 | <0.1 | <0.04 | <0.1 | **13.5** |
| 0861_QC114_200423 | QLD_0861_PFASOMP | EB2011246-AC | <0.03 | <0.03 | <0.03 | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 | **13.2** |
| 0861_QC214_200423 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW047_201012 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.53** |
| 0861_QC118_201012 | QLD_0861_PFASOMP | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.71** |
| 0861_QC218_201012 | QLD_0861_PFASOMP | RN1292028 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW047_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.64** |
| 0861_QC148_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.64** |
| 0861_QC248_210420 | QLD_0861_PFASOMP | RN1313031 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW047_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.79** |
| 0861_MW047_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **6.85** |
| 0861_QC172_220330 | QLD_0861_PFASOMP | EB2209942 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **71.1** |
| 0861_QC272_220330 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.032** | **0.015** | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW047_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **16.7** |
| 0861_MW047_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **10.8** |
| 0861_MW047_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.10** |
| 0861_QC110_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.35** |
| 0861_QC210_231026 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW047_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **15.5** |
| 0861_MW047_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **4.8** |
| 0861_MW047_250507 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **127** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW48_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **26.3** |
| 0861_MW48_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0861_MW48_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **17.6** |
| 0861_QC101_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **18.2** |
| 0861_QC201_190430 | QLD_0861_PFAS | 217104 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.05** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **20** |
| 0861_MW48_191118 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **17.5** |
| 0861_MW048_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.04 | <0.04 | <0.04 | <0.04 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.1 | <0.04 | <0.1 | <0.1 | <0.04 | <0.1 | **16.4** |
| 0861_MW048_201012 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **14.7** |
| 0861_MW048_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **7.99** |
| 0861_MW048_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.34** |
| 0861_MW048_220329 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **5.15** |
| 0861_MW048_221025 | QLD_0861_PFASOMP | EB2231825 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | **20.9** |
| 0861_MW048_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **8.63** |
| 0861_MW048_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **9.05** |
| 0861_QC109_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **10.0** |
| 0861_QC209_231026 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW048_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.63** |
| 0861_MW048_241112 | QLD_0861_PFASOMP_24a | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.81** |
| 0861_QC201_241112 | QLD_0861_PFASOMP_24a | 366900 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.67** |
| 0861_MW048_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **4.9** |
| 0861_MW49_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **46.7** |
| 0861_MW49_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0861_QC123_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **40.1** |
| 0861_QC223_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **44.5** |
| 0861_MW49_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **43.5** |
| 0861_MW49_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **32.2** |
| 0861_QC103_191119 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **32.2** |
| 0861_QC203_191118 | QLD_0861_PFAS | 231783 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | **0.03** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **31** |
| 0861_MW049_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.03 | <0.03 | <0.03 | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 | **23.5** |
| 0861_MW049_201012 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **20.1** |
| 0861_MW049_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **25.9** |
| 0861_MW049_220407 | QLD_0861_PFASOMP | EB2209951 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **4.83** |
| 0861_MW049_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **15.9** |
| 0861_MW049_241112 | QLD_0861_PFASOMP_24a | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.91** |
| 0861_QC101_241112 | QLD_0861_PFASOMP_24a | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.05** |
| 0861_MW049_250430 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **2.7** |
| 0861_MW50_180205 | QLD_0861_PFAS | EB1803636 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW50_190430 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW50_191125 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW050_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC216_200424 | QLD_0861_PFASOMP | RN1274652 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.015** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW050_201012 | QLD_0861_PFASOMP | EB2027208-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW050_210421 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.30** |
| 0861_MW050_211028 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.18** |
| 0861_MW050_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW050_221024 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **0.17** |
| 0861_MW050_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.35** |
| 0861_QC100_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.34** |
| 0861_QC200_230417 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW050_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.32** |
| 0861_MW050_240419 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.22** |
| 0861_MW050_241028 | QLD_0861_PFASOMP_24a | 1155836 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** |
| 0861_MW050_250502 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** |
| 0861_MW54D_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.07** |
| 0861_MW54D_180405 | QLD_0861_PFAS | EB1808672 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW54D_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC101_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_QC201_190509 | QLD_0861_PFAS | 217521 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | <0.01 |
| 0861_MW54D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.50** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_201023 | QLD_0861_PFASOMP | EB2027834 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_210421 | QLD_0861_PFASOMP | EB2111111 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW054D_211028 | QLD_0861_PFASOMP | EB2130821 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_220405 | QLD_0861_PFASOMP | EB2209940 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW054D_221109 | QLD_0861_PFASOMP | EB2233627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW054D_230426 | QLD_0861_PFASOMP_23 | EB2312770 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_231026 | QLD_0861_PFASOMP_23 | EB2333895 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW054D_240416 | QLD_0861_PFASOMP_24 | EB2413937 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW054D_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** |
| 0861_QC201_241126 | QLD_0861_PFASMGMT_24 | 367942 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **0.01** |
| 0861_MW054_D_250428 | QLD_0861_PFASOMP_25 | 1221796 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.15** |
| 0861_MW54S_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW54S_180405 | QLD_0861_PFAS | EB1808672 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_MW54S_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW54S_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW054S_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_QC117_200424 | QLD_0861_PFASOMP | EB2011246-AD | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | **0.10** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 | <0.10 |
| 0861_QC217_200424 | QLD_0861_PFASOMP | RN1274651 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | **0.091** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW054S_210421 | QLD_0861_PFASOMP | EB2111111 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.10** |
| 0861_MW054S_211028 | QLD_0861_PFASOMP | EB2130821 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | **0.07** |
| 0861_MW054S_220405 | QLD_0861_PFASOMP | EB2209940 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.24** |
| 0861_MW054S_221109 | QLD_0861_PFASOMP | EB2233627 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.38** |
| 0861_MW054S_230426 | QLD_0861_PFASOMP_23 | EB2312770 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.35** |
| 0861_MW054S_231026 | QLD_0861_PFASOMP_23 | EB2333895 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.27** |
| 0861_MW054S_240416 | QLD_0861_PFASOMP_24 | EB2413937 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.22** |
| 0861_MW054S_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.12** |
| 0861_QC101_241126 | QLD_0861_PFASOMP_24a | 1164996 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.12** |
| 0861_MW054_S_250428 | QLD_0861_PFASOMP_25 | 1221796 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.09** |
| 0861_MW55D_180308 | QLD_0861_PFAS | EB1806399 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW55D_180406 | QLD_0861_PFAS | EB1808673 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW55D_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_MW55D_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.86** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW055D_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.52** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.41** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_MW055D_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.19** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.05** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.04** |
| 0861_MW055D_221020 | QLD_0861_PFASOMP | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_230511 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW055D_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_MW55D_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW055_D_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** |
| 0861_MW55S_180308 | QLD_0861_PFAS | EB1806399 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.24** |
| 0861_MW55S_180308 | QLD_0861_PFAS | ES1808754 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.18** |
| 0861_MW55_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0861_MW55S_180406 | QLD_0861_PFAS | EB1808673 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.85** |
| 0861_MW55S_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.27** |
| 0861_QC103_190502 | QLD_0861_PFAS | EB1911342 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.27** |
| 0861_MW55S_191121 | QLD_0861_PFAS | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.43** |
| 0861_MW055S_200424 | QLD_0861_PFASOMP | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.38** |
| 0861_MW055S_201014 | QLD_0861_PFASOMP | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.98** |
| 0861_MW055S_210416 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.81** |
| 0861_MW055S_211021 | QLD_0861_PFASOMP | EB2130835 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.48** |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW055S_220401 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.72** |
| 0861_MW055S_221020 | QLD_0861_PFASOMP | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.14** |
| 0861_MW055S_230511 | QLD_0861_PFASOMP_23 | EB2314270 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.48** |
| 0861_MW055S_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.40** |
| 0861_MW055S_240416 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **2.72** |
| 0861_MW55S_241104 | QLD_0861_PFASOMP_24a | 1156536 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.97** |
| 0861_MW055_S_250501 | QLD_0861_PFASOMP_25 | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.22** |
| 0861_MW56D_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW56D_180405 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW56D_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW56D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW056I_200422 | QLD_0861_PFASOMP | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW056I_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW056I_210415 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW056I_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW056I_220329 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW056I_230418 | QLD_0861_PFASOMP_23 | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW056I_231026 | QLD_0861_PFASOMP_23 | EB2333894-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW056I_240416 | QLD_0861_PFASOMP_24 | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW056I_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.07** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** |
| 0861_MW056_I_250429 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW56S_180221 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW56S_180405 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW56S_190509 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_MW56S_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW056S_200422 | QLD_0861_PFASOMP | EB2011255 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW056S_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 |
| 0861_MW056S_210415 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW056S_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW056S_220329 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC171_220329 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC271_220329 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | **0.017** | <0.02 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | **0.039** | <0.05 | <0.02 | **0.044** | <0.05 | - |
| 0861_MW056S_231026 | QLD_0861_PFASOMP_23 | EB2333898 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW056S_240416 | QLD_0861_PFASOMP_24 | EB2413946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_QC107_240416 | QLD_0861_PFASOMP_24 | EB2413950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_QC207_240416 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | - |
| 0861_MW056S_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |
| 0861_MW056_S_250429 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.01** |
| 0861_MW57D_180222 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW57D_180406 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC134_080406 | QLD_0861_PFAS | EB1808675 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC234_180406 | QLD_0861_PFAS | 189173 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | - |
| 0861_MW57D_190514 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_QC101_190514 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW57D_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_200428 | QLD_0861_PFASOMP | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_210421 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.49** |
| 0861_MW057I_211126 | QLD_0861_PFASOMP | EB2134318 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_220404 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.01** |
| 0861_MW057I_221026 | QLD_0861_PFASOMP | EB2231850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_230419 | QLD_0861_PFASOMP_23 | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_240503 | QLD_0861_PFASOMP_24 | EB2414909 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057I_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | **0.12** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** |
| 0861_MW057_I_250428 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 |

Table C-3: Historical Groundwater Analytical Summary

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| Field ID | Project ID | Lab Report Number | | | | | | | | | | | | | | | | | |
| 0861_MW57S_180222 | QLD_0861_PFAS | EB1804971 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.17** |
| 0861_MW57S_180406 | QLD_0861_PFAS | EB1808674 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.20** |
| 0861_MW57S_190514 | QLD_0861_PFAS | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.14** |
| 0861_MW57S_191128 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.11** |
| 0861_MW057S_200428 | QLD_0861_PFASOMP | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.06** |
| 0861_MW057S_201015 | QLD_0861_PFASOMP | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.11** |
| 0861_MW057S_210421 | QLD_0861_PFASOMP | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.08** |
| 0861_MW057S_211022 | QLD_0861_PFASOMP | EB2130815 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW057S_211126 | QLD_0861_PFASOMP | EB2134318 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.05** |
| 0861_MW057S_220404 | QLD_0861_PFASOMP | EB2209946 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.67** |
| 0861_QC179_220404 | QLD_0861_PFASOMP | EB2209942 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.76** |
| 0861_QC279_220404 | QLD_0861_PFASOMP | RN1349008 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW057S_221026 | QLD_0861_PFASOMP | EB2231850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | **2.57** |
| 0861_MW057S_230419 | QLD_0861_PFASOMP_23 | EB2312057 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.25** |
| 0861_QC103_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.20** |
| 0861_QC203_230419 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW057S_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **1.11** |
| 0861_MW057S_240503 | QLD_0861_PFASOMP_24 | EB2414909 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.42** |
| 0861_MW057S_241108 | QLD_0861_PFASOMP_24a | 1158339 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **1.28** |
| 0861_MW057_S_250428 | QLD_0861_PFASOMP_25 | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.43** |
| 0861_QC203_190502 | QLD_0861_PFAS | 217104 | <0.02 | <0.02 | <0.05 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 | **1.4** |
| 0861_MW309_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_QC103_190508 | QLD_0861_PFAS | EB1911948 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.02** |
| 0861_MW309_191127 | QLD_0861_PFAS | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW309_200427 | QLD_0861_PFASOMP | EB2011562 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW309_201013 | QLD_0861_PFASOMP | EB2027172 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | **0.06** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 | <0.05 |
| 0861_MW309_210420 | QLD_0861_PFASOMP | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW309_211026 | QLD_0861_PFASOMP | EB2130850 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW309_220330 | QLD_0861_PFASOMP | EB2209950 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW309_221025 | QLD_0861_PFASOMP | EB2231825 | <0.02 | <0.02 | <0.02 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 | <0.02 |
| 0861_MW309_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC104_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_QC204_230420 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 | - |
| 0861_MW309_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | <0.01 |
| 0861_MW309_240415 | QLD_0861_PFASOMP_24 | EB2413910 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 | **0.03** |
| 0861_MW309_250508 | QLD_0861_PFASOMP_25 | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | oxylic Acids | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0005 | 0.001 | 0.001 | 0.0005 | 0.001 | 0.0002 |
| **Field ID** | **Project ID** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| **0861_MW535_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.01* |
| **0861_MW535_241101** | **QLD_0861_PFASOMP_24a** | **1155836** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* |
| **0861_MW535_250506** | **QLD_0861_PFASOMP_25** | **1217993** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **0.01** |
| **0861_QC109_250506** | **QLD_0861_PFASOMP_25** | **1217993** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* |
| **0861_QC209_250506** | **QLD_0861_PFASOMP_25** | **380688** | *<0.02* | *<0.02* | *<0.05* | *<0.1* | *<0.5* | *<0.01* | *<0.01* | *<0.02* | *<0.02* | *<0.1* | *<0.05* | *<0.02* | *<0.05* | *<0.1* | *<0.02* | *<0.5* | *<0.01* |
| **0861_MW536_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | **1.56** |
| **0861_MW536_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **1.14** |
| **0861_MW536_250506** | **QLD_0861_PFASOMP_25** | **1217993** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **1.38** |
| **0861_MW537_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | **0.44** |
| **0861_MW537_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **0.21** |
| **0861_MW537_250501** | **QLD_0861_PFASOMP_25** | **1215849** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **0.3** |
| **0861_MW538_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | **0.05** |
| **0861_MW538_241104** | **QLD_0861_PFASOMP_24a** | **1156536** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **0.03** |
| **0861_MW538_250501** | **QLD_0861_PFASOMP_25** | **1215849** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* |
| **0861_QC106_250501** | **QLD_0861_PFASOMP_25** | **1215849** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.01* |
| **0861_QC206_250501** | **QLD_0861_PFASOMP_25** | **MGE0150** | *<0.020* | *<0.020* | *<0.050* | *<0.10* | *<0.50* | *<0.010* | *<0.010* | *<0.020* | *<0.020* | *<0.10* | *<0.050* | *<0.020* | *<0.050* | *<0.10* | *<0.020* | *<0.50* | *<0.010* |
| **0861_MW539_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | **4.26** |
| **0861_QC100_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | *<0.02* | *<0.02* | *<0.02* | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | **4.10** |
| **0861_MW539_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **3.1** |
| **0861_MW539_250507** | **QLD_0861_PFASOMP_25** | **1217993** | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | **5.1** |

**Environmental Standards**

NHMRC, 25 June 2025, PFAS in Drinking Water (ADWG 2025)

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861-MW2_180208 | QLD_0861_PFAS | EB1803867 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW2_191120 | QLD_0861_PFAS | EB1931427 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW002_200421 | QLD_0861_PFASOMP | EB2011246-AC | - | <0.01 | - | - | <0.01 | - |
| 0861_QC210_200421 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW002_201013 | QLD_0861_PFASOMP | EB2027172 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW002_210413 | QLD_0861_PFASOMP | EB2111121 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW002_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC157_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC257_211021 | QLD_0861_PFASOMP | RN1333717 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW002_220331 | QLD_0861_PFASOMP | EB2209950 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW002_221026 | QLD_0861_PFASOMP | EB2231825 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW002_230522 | QLD_0861_PFASOMP_23 | EB2315514 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW002_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW002_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW002_241029 | QLD_0861_PFASOMP_24a | 1155836 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW002_250428 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| MW100 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - |
| 5259_MW100_S_121016 | QLD_Hist_202012-3 | EB1226948 | - | - | - | - | - | - |
| 5259_MW100_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - |
| E0861_MW100_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - |
| 0861_MW05_S_170228 | QLD_Hist_202012-3 | EB1703884 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW05_S_171012 | QLD_Hist_202012-3 | EB1721110 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW5_190507 | QLD_0861_PFAS | EB1911948 | - | 0.52 | - | - | 0.52 | - |
| 0861_QC101_190507 | QLD_0861_PFAS | EB1911948 | - | 0.34 | - | - | 0.34 | - |
| 0861_QC201_190507 | QLD_0861_PFAS | 217521 | - | - | - | - | 0.49 | - |
| 0861_MW05_19119 | QLD_0861_PFAS | EB1931427 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW005_200423 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.09 | - | - | 0.09 | - |
| 0861_MW005_201016 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC128_201016 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC228_201016 | QLD_0861_PFASOMP | RN1292028 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW005_210421 | QLD_0861_PFASOMP | EB2111121 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW005_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.05 | - | - | 0.05 | - |
| 0861_MW005_220406 | QLD_0861_PFASOMP | EB2209951 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW005_221024 | QLD_0861_PFASOMP | EB2231825 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW005_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 0.08 | - | - | 0.08 | - |
| 0861_QC111_231028 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.03 | - | - | 0.03 | - |
| 0861_QC211_231028 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW005_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | 0.04 | - | - | 0.04 | - |
| 0861_MW005_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW005_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 0.07 | - | - | <0.1 | - |
| 0861_MW005_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 0.12 | - | - | 0.13 | - |
| MW101 | QLD_Hist_202012-3 | EB1220053 | - | - | - | - | - | - |
| 5259_MW101_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | - | - |
| 5259_MW101_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | - | - |
| E0861_MW101_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - |
| 0861_MW06_S_170221 | QLD_Hist_202012-3 | EB1703368 | - | 189 | - | - | 194 | - |
| 0861_QC101_170221 | QLD_Hist_202012-3 | EB1703368 | - | 203 | - | - | 208 | - |
| 0861_QC201_170221 | QLD_Hist_202012-3 | 535101 | - | - | - | - | - | - |
| 0861_MW06_171010 | QLD_Hist_202012-3 | EB1720882 | - | 181 | - | - | 185 | - |
| 0861_MW06_190513 | QLD_0861_PFAS | EB1912390 | - | 84.0 | - | - | 86.0 | - |
| MW06_191203 | QLD_0861_PFAS | EB1932627 | - | 94.8 | - | - | 96.5 | - |
| 0861_MW006_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 63.5 | - | - | 65 | - |
| 0861_QC113_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 71.2 | - | - | 72.7 | - |
| 0861_QC213_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW006_201021 | QLD_0861_PFASOMP | EB2027539 | - | 62.5 | - | - | 64.3 | - |
| 0861_QC134_201021 | QLD_0861_PFASOMP | EB2027539 | - | 65.0 | - | - | 66.9 | - |
| 0861_QC234_201021 | QLD_0861_PFASOMP | RN1292508 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW006_210421 | QLD_0861_PFASOMP | EB2111121 | - | 64.3 | - | - | 67.3 | - |
| 0861_MW006_211027 | QLD_0861_PFASOMP | EB2130850 | - | 62.3 | - | - | 64.0 | - |
| 0861_MW006_220407 | QLD_0861_PFASOMP | EB2209951 | - | 63.2 | - | - | 65.8 | - |
| 0861_MW006_221026 | QLD_0861_PFASOMP | EB2231825 | - | 68.7 | - | - | 71.3 | - |
| 0861_MW006_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 68.4 | - | - | 71.4 | - |
| 0861_MW006_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | - | 59.7 | - | - | 62.6 | - |
| 0861_MW006_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 84.2 | - | - | 89.9 | - |
| 0861_MW006_241106 | QLD_0861_PFASOMP_24a | 1158339 | - | 83.33 | - | - | 86.89 | - |
| 0861_MW006_250506 | QLD_0861_PFASOMP_25 | 1217993 | - | 157.49 | - | - | 163.83 | - |
| RAAFAmb MW102 26/07/2012 | QLD_Hist_202012-3 | EB1219768 | - | - | - | - | - | - |
| 5259_MW102_S_121012 | QLD_Hist_202012-3 | EB1226844 | - | - | - | - | - | - |
| 5259_MW102_S_130122 | QLD_Hist_202012-3 | EB1301359 | - | - | - | - | - | - |
| E0861_MW102_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - |
| 0861_MW07_S_170222 | QLD_Hist_202012-3 | EB1703481 | - | 121 | - | - | 127 | - |
| 0861_MW07_171011 | QLD_Hist_202012-3 | EB1721001 | - | 81.9 | - | - | 86.2 | - |
| 0861_MW07_190513 | QLD_0861_PFAS | EB1912390 | - | 56.5 | - | - | 60.6 | - |
| 0861_QC101_190513 | QLD_0861_PFAS | EB1912390 | - | 58.1 | - | - | 62.2 | - |
| MW102_190625 | QLD_0861_FSBGME | 662866 | - | 105.96 | - | - | 110.22 | - |
| 0861_QC201_191203 | QLD_0861_PFAS | 232657 | - | - | - | - | 64 | - |
| MW07_191203 | QLD_0861_PFAS | EB1932627 | - | 55.5 | - | - | 59.2 | - |
| QC101_191203 | QLD_0861_PFAS | EB1932627 | - | 64.4 | - | - | 69.0 | - |
| 0861_MW007_200428 | QLD_0861_PFASOMP | EB2011562 | - | 59.8 | - | - | 63.5 | - |
| 0861_MW007_201019 | QLD_0861_PFASOMP | EB2027539 | - | 57.5 | - | - | 61.8 | - |
| 0861_QC129_201019 | QLD_0861_PFASOMP | EB2027539 | - | 54.8 | - | - | 58.9 | - |
| 0861_QC229_201019 | QLD_0861_PFASOMP | RN1292508 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW007_210419 | QLD_0861_PFASOMP | EB2111121 | - | 57.4 | - | - | 62.6 | - |
| 0861_MW007_211027 | QLD_0861_PFASOMP | EB2130850 | - | 62.5 | - | - | 66.3 | - |
| 0861_QC165_211027 | QLD_0861_PFASOMP | EB2130850 | - | 60.9 | - | - | 64.8 | - |
| 0861_QC265_211027 | QLD_0861_PFASOMP | RN1333717 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW007_220406 | QLD_0861_PFASOMP | EB2209951 | - | 6.65 | - | - | 7.04 | - |
| 0861_MW007_221026 | QLD_0861_PFASOMP | EB2231825 | - | 22.8 | - | - | 25.0 | - |
| 0861_MW007_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 29.3 | - | - | 32.1 | - |
| 0861_MW007_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | - | 26.6 | - | - | 28.8 | - |
| 0861_MW007_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 40.4 | - | - | 43.7 | - |
| 0861_MW007_241106 | QLD_0861_PFASOMP_24a | 1158339 | - | 38.65 | - | - | 40.7 | - |
| 0861_MW007_250506 | QLD_0861_PFASOMP_25 | 1217993 | - | 8.12 | - | - | 8.73 | - |
| MW108 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - |
| 5259_MW108_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | - | - |
| 5259_MW108_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - |
| E0861_MW108_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - |
| 0861_MW12_S_170223 | QLD_Hist_202012-3 | EB1703601 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW12_S_171010 | QLD_Hist_202012-3 | EB1720882 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW12_190508 | QLD_0861_PFAS | EB1911948 | - | *<0.05* | - | - | *<0.05* | - |
| 0861_MW12_191126 | QLD_0861_PFAS | EB1932183 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW012_200427 | QLD_0861_PFASOMP | EB2011562 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW012_201013 | QLD_0861_PFASOMP | EB2027172 | - | *<0.05* | - | - | 0.14 | - |
| 0861_MW012_210420 | QLD_0861_PFASOMP | EB2111121 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW012_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.02 | - | - | 0.02 | - |
| 0861_QC166_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.02 | - | - | 0.02 | - |
| 0861_QC266_211027 | QLD_0861_PFASOMP | RN1333717 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW012_220406 | QLD_0861_PFASOMP | EB2209951 | - | 0.17 | - | - | 0.17 | - |
| 0861_MW012_221024 | QLD_0861_PFASOMP | EB2231825 | - | 0.06 | - | - | 0.06 | - |
| 0861_QC192_221024 | QLD_0861_PFASOMP | EB2231825 | - | 0.04 | - | - | 0.04 | - |
| 0861_QC292_221024 | QLD_0861_PFASOMP | RN1371573 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW012_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 0.06 | - | - | 0.06 | - |
| 0861_QC212_231027 | QLD_0861_PFASOMP_23 | RN1410504 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0681_QC112_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | *<0.01* | - | - | *<0.01* | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorooctadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW012_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW012_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW012_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW012_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | <0.05 | - | - | <0.1 | - |
| MW119 | QLD_Hist_202012-3 | EB1220058 | - | - | - | - | - | - |
| 5259_MW119_S_121017 | QLD_Hist_202012-3 | EB1227213 | - | - | - | - | - | - |
| 5259_MW119_S_130206 | QLD_Hist_202012-3 | EB1302670 | - | - | - | - | - | - |
| E0861_MW119_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - |
| 0861_MW20_S_170223 | QLD_Hist_202012-3 | EB1703601 | - | 11.6 | - | - | 12.8 | - |
| 0861_MW20_171009 | QLD_Hist_202012-3 | EB1720776 | - | 6.31 | - | - | 6.93 | - |
| 0861_MW20_190508 | QLD_0861_PFAS | EB1911948 | - | 32.5 | - | - | 34.6 | - |
| MW69_190625 | QLD_0861_FSBGME | 662866 | - | 20.31 | - | - | 21.68 | - |
| QC101_190625 | QLD_0861_FSBGME | 662866 | - | 72.22 | - | - | 76.49 | - |
| QC201_190625 | QLD_0861_FSBGME | EB1917024 | - | 51.5 | - | - | 55.5 | - |
| 0861_MW20_191125 | QLD_0861_PFAS | EB1932183 | - | 15.5 | - | - | 16.7 | - |
| 0861_MW020_200427 | QLD_0861_PFASOMP | EB2011562 | - | 27.6 | - | - | 29.7 | - |
| 0861_MW020_201013 | QLD_0861_PFASOMP | EB2027172 | - | 9.54 | - | - | 10.2 | - |
| 0861_MW020_210420 | QLD_0861_PFASOMP | EB2111121 | - | 51.5 | - | - | 55.4 | - |
| 0861_MW020_211027 | QLD_0861_PFASOMP | EB2130850 | - | 18.0 | - | - | 19.3 | - |
| 0861_MW020_220406 | QLD_0861_PFASOMP | EB2209951 | - | 98.8 | - | - | 102 | - |
| 0861_MW020_221025 | QLD_0861_PFASOMP | EB2231825 | - | 4.43 | - | - | 4.66 | - |
| 0861_MW020_230421 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 170 | - | - | 180 | - |
| 0861_QC213_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0681_QC113_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | 149 | - | - | 157 | - |
| 0861_MW020_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | 184 | - | - | 194 | - |
| 0861_MW020_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 125 | - | - | 132 | - |
| 0861_MW020_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 0.78 | - | - | 0.84 | - |
| 0861_MW020_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 12.84 | - | - | 13.36 | - |
| 0861_QC110_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 18.52 | - | - | 19.28 | - |
| 0861_QC210_250507 | QLD_0861_PFASOMP_25 | 380688 | - | - | - | - | 20 | - |
| 0861_MW21_190508 | QLD_0861_PFAS | EB1911948 | - | 61.8 | - | - | 63.4 | - |
| 0861_MW21_191119 | QLD_0861_PFAS | EB1931427 | - | 76.0 | - | - | 78.2 | - |
| 0861_MW021_200429 | QLD_0861_PFASOMP | EB2011562 | - | 63.6 | - | - | 65.7 | - |
| 0861_MW021_201014 | QLD_0861_PFASOMP | EB2027172 | - | 59.9 | - | - | 61.8 | - |
| 0861_MW021_210419 | QLD_0861_PFASOMP | EB2111121 | - | 89.1 | - | - | 93.4 | - |
| 0861_MW021_211028 | QLD_0861_PFASOMP | EB2130850 | - | 105 | - | - | 109 | - |
| 0861_MW021_220330 | QLD_0861_PFASOMP | EB2209950 | - | 68.5 | - | - | 71.9 | - |
| 0861_MW021_221026 | QLD_0861_PFASOMP | EB2231825 | - | 99.4 | - | - | 105 | - |
| 0861_MW021_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 157 | - | - | 164 | - |
| 0861_QC106_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 154 | - | - | 161 | - |
| 0861_QC206_230428 | QLD_0861_PFASOMP_23 | RN1393133 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW021_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 205 | - | - | 211 | - |
| 0861_MW021_241101 | QLD_0861_PFASOMP_24a | 1156536 | - | 140.01 | - | - | 145.96 | - |
| 0861_MW021_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | 38.57 | - | - | 39.85 | - |
| 5259_MW201_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - |
| E0861_MW201_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - |
| 0861_MW22_S_1700302 | QLD_Hist_202012-3 | EB1704146 | - | 43.2 | - | - | 47.1 | - |
| 0861_MW22_S_171016 | QLD_Hist_202012-3 | EB1721395 | - | 19.8 | - | - | 22.2 | - |
| 0861_MW22_190430 | QLD_0861_PFAS | EB1911342 | - | 23.4 | - | - | 25.6 | - |
| 0861_MW22_191119 | QLD_0861_PFAS | EB1931427 | - | 17.9 | - | - | 20.0 | - |
| 0861_MW022_200421 | QLD_0861_PFASOMP | EB2011246-AC | - | 14.6 | - | - | 16.6 | - |
| 0861_MW022_201012 | QLD_0861_PFASOMP | EB2027172 | - | 15.2 | - | - | 17.0 | - |
| 0861_MW022_210416 | QLD_0861_PFASOMP | EB2111121 | - | 22.1 | - | - | 24.4 | - |
| 0861_MW022_211021 | QLD_0861_PFASOMP | EB2130835 | - | 13.5 | - | - | 15.0 | - |
| 0861_MW022_220330 | QLD_0861_PFASOMP | EB2209950 | - | 5.96 | - | - | 6.62 | - |
| 0861_MW022_221109 | QLD_0861_PFASOMP | EB2233631 | - | 2.05 | - | - | 2.26 | - |
| 0861_QC198_221109 | QLD_0861_PFASOMP | EB2233631 | - | 2.12 | - | - | 2.34 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_QC298_221109 | QLD_0861_PFASOMP | RN1373013 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW022_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 12.5 | - | - | 13.9 | - |
| 0861_MW022_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 14.6 | - | - | 16.2 | - |
| 0861_MW022_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 6.32 | - | - | 7.15 | - |
| 0861_MW022_241106 | QLD_0861_PFASOMP_24a | 1158339 | - | 9.88 | - | - | 11.21 | - |
| 0861_MW022_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.32 | - | - | 0.36 | - |
| 5259_MW202_S_130211 | QLD_Hist_202012-3 | EB1303337 | - | - | - | - | - | - |
| E0861_MW202_S_130827 | QLD_Hist_202012-3 | EB1320742 | - | - | - | - | - | - |
| 0861_MW23_S_170221 | QLD_Hist_202012-3 | EB1703368 | - | 0.44 | - | - | 0.47 | - |
| 0861_MW23_S_171010 | QLD_Hist_202012-3 | EB1720882 | - | 0.22 | - | - | 0.24 | - |
| 0861_MW23_190513 | QLD_0861_PFAS | EB1912390 | - | 0.26 | - | - | 0.28 | - |
| MW23_191203 | QLD_0861_PFAS | EB1932627 | - | 0.35 | - | - | 0.37 | - |
| 0861_MW023_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.36 | - | - | 0.39 | - |
| 0861_MW023_201021 | QLD_0861_PFASOMP | EB2027539 | - | 0.27 | - | - | 0.30 | - |
| 0861_QC133_201021 | QLD_0861_PFASOMP | EB2027539 | - | 1.47 | - | - | 1.51 | - |
| 0861_QC233_201021 | QLD_0861_PFASOMP | RN1292508 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW023_210421 | QLD_0861_PFASOMP | EB2111121 | - | 1.36 | - | - | 1.51 | - |
| 0861_MW023_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.59 | - | - | 0.66 | - |
| 0861_MW023_220407 | QLD_0861_PFASOMP | EB2209951 | - | 1.04 | - | - | 1.20 | - |
| 0861_MW023_221026 | QLD_0861_PFASOMP | EB2231825 | - | 0.59 | - | - | 0.65 | - |
| 0861_MW023_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 0.48 | - | - | 0.53 | - |
| 0861_QC105_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 0.48 | - | - | 0.53 | - |
| 0861_QC205_230426 | QLD_0861_PFASOMP_23 | RN1393133 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW023_231129 | QLD_0861_PFASOMP_23 | EB2337879-AA | - | 0.69 | - | - | 0.75 | - |
| 0861_MW023_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 1.08 | - | - | 1.28 | - |
| 0861_MW023_241106 | QLD_0861_PFASOMP_24a | 1158339 | - | 0.58 | - | - | 0.69 | - |
| 0861_MW023_250506 | QLD_0861_PFASOMP_25 | 1217993 | - | 2.04 | - | - | 2.52 | - |
| 5259_MW203_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - |
| 5259_QC9_MW_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - |
| E0861_MW203_S_130828 | QLD_Hist_202012-3 | EB1320949 | - | - | - | - | - | - |
| 0861_MW24_S_170303 | QLD_Hist_202012-3 | EB1704238 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW24_S_171013 | QLD_Hist_202012-3 | EB1721221 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW24_190501 | QLD_0861_PFAS | EB1911342 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW24_191121 | QLD_0861_PFAS | EB1931427 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW024_201014 | QLD_0861_PFASOMP | EB2027172 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW024_210420 | QLD_0861_PFASOMP | EB2111121 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW024_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW024_220404 | QLD_0861_PFASOMP | EB2209950 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW024_221026 | QLD_0861_PFASOMP | EB2231825 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW024_230428 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 0.16 | - | - | 0.16 | - |
| 0861_MW024_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.04 | - | - | 0.04 | - |
| 0861_MW024_240416 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.10 | - | - | 0.12 | - |
| 0861_MW024_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 0.12 | - | - | 0.14 | - |
| 0861_MW024_250501 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.18 | - | - | 0.2 | - |
| 5259_MW204_S_130124 | QLD_Hist_202012-3 | EB1301595 | - | - | - | - | - | - |
| E0861_MW204_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | - | - |
| 0861_MW25_S_170222 | QLD_Hist_202012-3 | EB1703481 | - | 2.22 | - | - | 2.43 | - |
| 0861_MW25_171011 | QLD_Hist_202012-3 | EB1721001 | - | 2.18 | - | - | 2.4 | - |
| 0861_QC302_190430 | QLD_0861_PFAS | EB1911342 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW25_190501 | QLD_0861_PFAS | EB1911342 | - | 0.74 | - | - | 0.82 | - |
| 0861_MW25_191120 | QLD_0861_PFAS | EB1931427 | - | 0.92 | - | - | 0.99 | - |
| 0861_MW025_200427 | QLD_0861_PFASOMP | EB2011562 | - | 1.02 | - | - | 1.12 | - |
| 0861_MW025_201014 | QLD_0861_PFASOMP | EB2027172 | - | 0.80 | - | - | 0.88 | - |
| 0861_QC123_201014 | QLD_0861_PFASOMP | EB2027176-AA | - | 0.76 | - | - | 0.83 | - |
| 0861_QC223_201014 | QLD_0861_PFASOMP | RN1292028 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW025_210416 | QLD_0861_PFASOMP | EB2111121 | - | 1.31 | - | - | 1.45 | - |
| 0861_MW025_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.98 | - | - | 1.08 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW025_220406 | QLD_0861_PFASOMP | EB2209951 | - | 2.81 | - | - | 3.06 | - |
| 0861_MW025_221024 | QLD_0861_PFASOMP | EB2231825 | - | 4.33 | - | - | 4.59 | - |
| 0861_MW025_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 4.28 | - | - | 4.60 | - |
| 0861_MW025_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | 4.06 | - | - | 4.31 | - |
| 0861_MW025_240503 | QLD_0861_PFASOMP_24 | EB2414902 | - | 3.93 | - | - | 4.19 | - |
| 0861_MW025_241101 | QLD_0861_PFASOMP_24a | 1155836 | - | 3.57 | - | - | 3.84 | - |
| 0861_QC201_241101 | QLD_0861_PFASOMP_24a | 365539 | - | - | - | - | 4.6 | - |
| 0861_MW025_250506 | QLD_0861_PFASOMP_25 | 1217993 | - | 4.07 | - | - | 4.36 | - |
| E0861_MW205B_S_130830 | QLD_Hist_202012-3 | EB1323023 | - | - | - | - | - | - |
| 0861_MW26_S_170222 | QLD_Hist_202012-3 | EB1703481 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW26_171009 | QLD_Hist_202012-3 | EB1720776 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW26_190507 | QLD_0861_PFAS | EB1911948 | - | 0.20 | - | - | 0.20 | - |
| 0861_MW26_191125 | QLD_0861_PFAS | EB1932183 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW026_200428 | QLD_0861_PFASOMP | EB2011562 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW026_201016 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.10 | - | - | <0.10 | - |
| 0861_MW026_210421 | QLD_0861_PFASOMP | EB2111121 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW026_211027 | QLD_0861_PFASOMP | EB2130850 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW026_220406 | QLD_0861_PFASOMP | EB2209951 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW026_221024 | QLD_0861_PFASOMP | EB2231825 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW026_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW026_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW026_241031 | QLD_0861_PFASOMP_24a | 1155836 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW026_250501 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| E0861_MW300_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - |
| 0861_MW28_S_170301 | QLD_Hist_202012-3 | EB1704014 | - | 74 | - | - | 80.9 | - |
| 0861_MW28_S_171012 | QLD_Hist_202012-3 | EB1721110 | - | 60.8 | - | - | 67.1 | - |
| 0861_MW300_180116 | QLD_0861_PFAS | EB1802042 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW28_190507 | QLD_0861_PFAS | EB1911948 | - | 36.9 | - | - | 40.0 | - |
| 0861_MW28_191127 | QLD_0861_PFAS | EB1932183 | - | 67.0 | - | - | 72.7 | - |
| 0861_QC105_191127 | QLD_0861_PFAS | EB1932183 | - | 70.5 | - | - | 76.6 | - |
| 0861_QC205_191127 | QLD_0861_PFAS | 232094 | - | - | - | - | 100 | - |
| 0861_MW028_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 55 | - | - | 61.1 | - |
| 0861_MW028_201015 | QLD_0861_PFASOMP | EB2027172 | - | 60.5 | - | - | 66.0 | - |
| 0861_MW028_210416 | QLD_0861_PFASOMP | EB2111121 | - | 80.4 | - | - | 86.7 | - |
| 0861_MW028_211021 | QLD_0861_PFASOMP | EB2130835 | - | 74.0 | - | - | 80.5 | - |
| 0861_MW028_220404 | QLD_0861_PFASOMP | EB2209950 | - | 5.65 | - | - | 6.06 | - |
| 0861_MW028_221026 | QLD_0861_PFASOMP | EB2231825 | - | 19.4 | - | - | 20.9 | - |
| 0861_MW028_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 31.8 | - | - | 35.5 | - |
| 0861_MW028_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 26.7 | - | - | 29.5 | - |
| 0861_MW028_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 63.3 | - | - | 68.1 | - |
| 0861_MW028_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 71.04 | - | - | 78.02 | - |
| 0861_MW028_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 23.14 | - | - | 24.57 | - |
| E0861_MW301_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - |
| 0861_MW29_S_170301 | QLD_Hist_202012-3 | EB1704014 | - | 5.07 | - | - | 5.49 | - |
| 0861_MW29_S_171012 | QLD_Hist_202012-3 | EB1721110 | - | 7.35 | - | - | 7.94 | - |
| 0861_MW29_190507 | QLD_0861_PFAS | EB1911948 | - | 6.90 | - | - | 7.45 | - |
| 0861_MW29_191127 | QLD_0861_PFAS | EB1932183 | - | 8.49 | - | - | 9.17 | - |
| 0861_MW029_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 8.62 | - | - | 9.54 | - |
| 0861_MW029_201015 | QLD_0861_PFASOMP | EB2027172 | - | 11.2 | - | - | 12.2 | - |
| 0861_MW029_210416 | QLD_0861_PFASOMP | EB2111121 | - | 10.1 | - | - | 11.1 | - |
| 0861_MW029_211021 | QLD_0861_PFASOMP | EB2130835 | - | 12.2 | - | - | 13.4 | - |
| 0861_MW029_220404 | QLD_0861_PFASOMP | EB2209950 | - | 13.6 | - | - | 15.1 | - |
| 0861_MW029_221026 | QLD_0861_PFASOMP | EB2231825 | - | 14.4 | - | - | 16.0 | - |
| 0861_MW029_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 12.0 | - | - | 13.3 | - |
| 0861_MW029_231025 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 9.46 | - | - | 10.5 | - |
| 0861_MW029_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 11.2 | - | - | 12.3 | - |
| 0861_QC109_240418 | QLD_0861_PFASOMP_24 | EB2413950 | - | 9.85 | - | - | 10.9 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_QC209_240418 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW029_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 8 | - | - | 9.35 | - |
| 0861_QC201_241104 | QLD_0861_PFASOMP_24a | 365857 | - | - | - | - | 11 | - |
| 0861_MW029_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 11.29 | - | - | 12.73 | - |
| 0861_QC102_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 10.54 | - | - | 11.85 | - |
| 0861_QC202_250429 | QLD_0861_PFASOMP_25 | MGE0150 | - | - | - | - | 13 | - |
| 0861_MW30_S_170227 | QLD_Hist_202012-3 | EB1703780 | - | 0.69 | - | - | 0.8 | - |
| 0861_MW30_S_171018 | QLD_Hist_202012-3 | EB1721647 | - | 4.29 | - | - | 5.13 | - |
| 0861_MW30_190510 | QLD_0861_PFAS | EB1911948 | - | 7.28 | - | - | 8.11 | - |
| 0861_MW30_191120 | QLD_0861_PFAS | EB1931427 | - | 6.91 | - | - | 7.76 | - |
| 0861_MW030_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 7.93 | - | - | 8.98 | - |
| 0861_MW030_201013 | QLD_0861_PFASOMP | EB2027172 | - | 8.45 | - | - | 9.48 | - |
| 0861_MW030_210413 | QLD_0861_PFASOMP | EB2111121 | - | 9.11 | - | - | 10.3 | - |
| 0861_MW030_211021 | QLD_0861_PFASOMP | EB2130835 | - | 11.6 | - | - | 12.9 | - |
| 0861_MW030_220401 | QLD_0861_PFASOMP | EB2209950 | - | 18.0 | - | - | 20.2 | - |
| 0861_MW030_221025 | QLD_0861_PFASOMP | EB2231825 | - | 36.8 | - | - | 41.5 | - |
| 0861_MW030_230522 | QLD_0861_PFASOMP_23 | EB2315514 | - | 33.7 | - | - | 38.5 | - |
| 0861_MW030_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 28.4 | - | - | 32.5 | - |
| 0861_MW030_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 35.3 | - | - | 39.9 | - |
| 0861_MW030_241101 | QLD_0861_PFASOMP_24a | 1155836 | - | 33.26 | - | - | 39.66 | - |
| 0861_MW030_250428 | QLD_0861_PFASOMP_25 | 1215849 | - | 40.78 | - | - | 47.76 | - |
| 0861_QC101_250428 | QLD_0861_PFASOMP_25 | 1215849 | - | 38.31 | - | - | 44.05 | - |
| 0861_QC201_250428 | QLD_0861_PFASOMP_25 | MGE0150 | - | - | - | - | 54 | - |
| E0861_MW302_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - |
| E0861_MW303_S_130829 | QLD_Hist_202012-3 | EB1321088 | - | - | - | - | - | - |
| 0861_MW31_S_170227 | QLD_Hist_202012-3 | EB1703780 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC102_170227 | QLD_Hist_202012-3 | EB1703780 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC202_170227 | QLD_Hist_202012-3 | 535909 | - | - | - | - | - | - |
| 0861_MW31_S_171018 | QLD_Hist_202012-3 | EB1721647 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW31_190510 | QLD_0861_PFAS | EB1911948 | - | 0.15 | - | - | 0.15 | - |
| 0861_QC103_190510 | QLD_0861_PFAS | EB1911948 | - | <0.05 | - | - | <0.05 | - |
| 0861_QC203_190510 | QLD_0861_PFAS | 217521 | - | - | - | - | 0.02 | - |
| 0861_MW31_191120 | QLD_0861_PFAS | EB1931427 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW031_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | <0.01 | - | - | <0.01 | - |
| 0861_QC211_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW031_201013 | QLD_0861_PFASOMP | EB2027172 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW031_210413 | QLD_0861_PFASOMP | EB2111121 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW031_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW031_220401 | QLD_0861_PFASOMP | EB2209950 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW031_221025 | QLD_0861_PFASOMP | EB2231825 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW031_230426 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW031_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC101_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC201_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW031_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW031_241101 | QLD_0861_PFASOMP_24a | 1155836 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW031_250428 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| E0861_MW305_S_130830 | QLD_Hist_202012-3 | EB1321090 | - | - | - | - | - | - |
| 0861_MW32_S_170224 | QLD_Hist_202012-3 | EB1703684 | - | 35.3 | - | - | 37.4 | - |
| 0861_MW32_S_171017 | QLD_Hist_202012-3 | EB1721554 | - | 41 | - | - | 43.7 | - |
| 0861_MW32_190502 | QLD_0861_PFAS | EB1911342 | - | 33.5 | - | - | 35.6 | - |
| 0861_MW32_191119 | QLD_0861_PFAS | EB1931427 | - | 34.4 | - | - | 36.7 | - |
| 0861_MW032_200427 | QLD_0861_PFASOMP | EB2011562 | - | 38.4 | - | - | 40.8 | - |
| 0861_MW032_201012 | QLD_0861_PFASOMP | EB2027172 | - | 37.7 | - | - | 40.1 | - |
| 0861_MW032_210421 | QLD_0861_PFASOMP | EB2111121 | - | 42.0 | - | - | 44.9 | - |
| 0861_QC149_210421 | QLD_0861_PFASOMP | EB2111121 | - | 41.3 | - | - | 44.2 | - |
| 0861_QC249_210421 | QLD_0861_PFASOMP | RN1313031 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorooctadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW032_211025 | QLD_0861_PFASOMP | EB2130850 | - | 43.4 | - | - | 45.8 | - |
| 0861_QC162_211025 | QLD_0861_PFASOMP | EB2130850 | - | 42.8 | - | - | 45.2 | - |
| 0861_QC262_211025 | QLD_0861_PFASOMP | RN1333717 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW032_220406 | QLD_0861_PFASOMP | EB2209951 | - | 46.7 | - | - | 49.7 | - |
| 0861_MW032_221024 | QLD_0861_PFASOMP | EB2231825 | - | 47.9 | - | - | 51.4 | - |
| 0861_MW032_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 36.8 | - | - | 39.3 | - |
| 0861_MW032_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 39.2 | - | - | 41.7 | - |
| 0861_MW032_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 45.5 | - | - | 48.4 | - |
| 0861_MW032_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 34.4 | - | - | 37.12 | - |
| 0861_MW032_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 54.96 | - | - | 57.56 | - |
| 0861_MW37_S_170222 | QLD_Hist_202012-3 | EB1703481 | - | <0.01 | - | - | <0.01 | - |
| MW401 | QLD_Hist_202012-3 | 539718 | - | - | - | - | - | - |
| 0861_MW37_S_171010 | QLD_Hist_202012-3 | EB1720882 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW33_180208 | QLD_0861_PFAS | EB1803867 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW33_190514 | QLD_0861_PFAS | EB1912390 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW033_200428 | QLD_0861_PFASOMP | EB2011562 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW033_201019 | QLD_0861_PFASOMP | EB2027539 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC132_201019 | QLD_0861_PFASOMP | EB2027539 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC232_201019 | QLD_0861_PFASOMP | RN1292508 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW033_210420 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW033_211027 | QLD_0861_PFASOMP | EB2130850 | - | 0.11 | - | - | 0.11 | - |
| 0861_MW033_220406 | QLD_0861_PFASOMP | EB2209951 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC181_220406 | QLD_0861_PFASOMP | EB2209942 | - | 0.02 | - | - | 0.02 | - |
| 0861_QC281_220406 | QLD_0861_PFASOMP | RN1349008 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW033_221026 | QLD_0861_PFASOMP | EB2231825 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW033_230522 | QLD_0861_PFASOMP_23 | EB2315514 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW033_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.02 | - | - | 0.02 | - |
| 0861_MW033_240417 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.19 | - | - | 0.19 | - |
| 0861_QC108_240417 | QLD_0861_PFASOMP_24 | EB2413950 | - | 0.17 | - | - | 0.17 | - |
| 0861_QC208_240417 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW033_241031 | QLD_0861_PFASOMP_24a | 1155836 | - | <0.05 | - | - | <0.1 | - |
| 0861_QC103_241031 | QLD_0861_PFASOMP_24a | 1155836 | - | 0.06 | - | - | <0.1 | - |
| 0861_MW033_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW36_S_170301 | QLD_Hist_202012-3 | EB1704014 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW34_190510 | QLD_0861_PFAS | EB1911948 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW34_191121 | QLD_0861_PFAS | EB1931427 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC103_191121 | QLD_0861_PFAS | EB1931427 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC201_191121 | QLD_0861_PFAS | 232494 | - | - | - | - | <0.01 | - |
| 0861_QC203_191121 | QLD_0861_PFAS | 231783 | - | - | - | - | 0.01 | - |
| MW34_191202 | QLD_0861_PFAS | EB1932627 | - | 0.0058 | - | - | 0.0058 | - |
| 0861_MW034_200423 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.21 | - | - | 0.21 | - |
| 0861_QC215_200423 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW034_201013 | QLD_0861_PFASOMP | EB2027172 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC121_201013 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC221_201013 | QLD_0861_PFASOMP | RN1292028 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW034_210419 | QLD_0861_PFASOMP | EB2111121 | - | 0.59 | - | - | 0.59 | - |
| 0861_QC147_210419 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC247_210419 | QLD_0861_PFASOMP | RN1313031 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW034_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW034_220401 | QLD_0861_PFASOMP | EB2209950 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW034_221109 | QLD_0861_PFASOMP | EB2233631 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW034_230522 | QLD_0861_PFASOMP_23 | EB2315514 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW034_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW034_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW034_241029 | QLD_0861_PFASOMP_24a | 1155836 | - | 0.21 | - | - | 0.21 | - |
| 0861_QC201_241031 | QLD_0861_PFASOMP_24a | 365539 | - | - | - | - | 0.13 | - |
| 0861_MW034_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluorohexadecanoic acid (PFHxDA) | Perfluorooctadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW35_S_170301 | QLD_Hist_202012-3 | EB1704014 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW35_S_171013 | QLD_Hist_202012-3 | EB1721221 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW35_190501 | QLD_0861_PFAS | EB1911342 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW35_191121 | QLD_0861_PFAS | EB1931427 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_201014 | QLD_0861_PFASOMP | EB2027172 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_210416 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_220404 | QLD_0861_PFASOMP | EB2209950 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_221109 | QLD_0861_PFASOMP | EB2233631 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_230509 | QLD_0861_PFASOMP_23 | EB2314270 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_240416 | QLD_0861_PFASOMP_24 | EB2413910 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW035_241106 | QLD_0861_PFASOMP_24a | 1158339 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW035_250501 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW33_S_170228 | QLD_Hist_202012-3 | EB1703884 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW33_S_171012 | QLD_Hist_202012-3 | EB1721110 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW36_190507 | QLD_0861_PFAS | EB1911948 | - | 0.05 | - | - | 0.05 | - |
| 0861_MW36_191127 | QLD_0861_PFAS | EB1932183 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW036_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.04 | - | - | 0.04 | - |
| 0861_MW036_201015 | QLD_0861_PFASOMP | EB2027172 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW036_210416 | QLD_0861_PFASOMP | EB2111121 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW036_211021 | QLD_0861_PFASOMP | EB2130835 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW036_220404 | QLD_0861_PFASOMP | EB2209950 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW036_221025 | QLD_0861_PFASOMP | EB2231825 | - | 0.04 | - | - | 0.04 | - |
| 0861_QC193_221025 | QLD_0861_PFASOMP | EB2231825 | - | 0.04 | - | - | 0.04 | - |
| 0861_QC293_221025 | QLD_0861_PFASOMP | RN1371573 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW036_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 0.03 | - | - | 0.03 | - |
| 0861_QC107_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.01 | - | - | 0.01 | - |
| 0861_QC207_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW036_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.03 | - | - | 0.03 | - |
| 0861_MW036_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW036_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 0.05 | - | - | <0.1 | - |
| 0861_QC101_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 0.07 | - | - | <0.1 | - |
| 0861_MW036_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.06 | - | - | <0.1 | - |
| 0861_MW34_S_170224 | QLD_Hist_202012-3 | EB1703684 | - | 7.47 | - | - | 9.05 | - |
| 0861_MW34_171011 | QLD_Hist_202012-3 | EB1721001 | - | 13 | - | - | 15.7 | - |
| 0861_QC101_171011 | QLD_Hist_202012-3 | EB1721001 | - | 12 | - | - | 14.6 | - |
| 0861_QC201_171011 | QLD_Hist_202012-3 | EB1721001 | - | 75.3 | - | - | 78.9 | - |
| 0861_MW37_190508 | QLD_0861_PFAS | EB1911948 | - | 11.5 | - | - | 13.6 | - |
| 0861_MW37_191119 | QLD_0861_PFAS | EB1931427 | - | 10.2 | - | - | 12.2 | - |
| 0861_MW037_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 8.13 | - | - | 9.84 | - |
| 0861_QC212_200422 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW037_201012 | QLD_0861_PFASOMP | EB2027172 | - | 7.73 | - | - | 9.15 | - |
| 0861_MW037_210420 | QLD_0861_PFASOMP | EB2111121 | - | 6.24 | - | - | 7.70 | - |
| 0861_MW037_211027 | QLD_0861_PFASOMP | EB2130850 | - | 6.61 | - | - | 7.85 | - |
| 0861_MW037_220330 | QLD_0861_PFASOMP | EB2209950 | - | 5.44 | - | - | 5.91 | - |
| 0861_MW037_221024 | QLD_0861_PFASOMP | EB2231825 | - | 7.30 | - | - | 8.56 | - |
| 0861_MW037_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 11.9 | - | - | 14.5 | - |
| 0861_MW037_230810 | QLD_0861_Stage2_23 | 1018693 | - | 9.22 | - | - | 11.5 | - |
| 0861_MW037_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 10.8 | - | - | 13.0 | - |
| 0861_QC100_231023 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 12.3 | - | - | 14.7 | - |
| 0861_QC200_231023 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW037_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 14.3 | - | - | 16.7 | - |
| 0861_QC106_240415 | QLD_0861_PFASOMP_24 | EB2413950 | - | 14.5 | - | - | 17.1 | - |
| 0861_QC206_240415 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW037_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 13.46 | - | - | 16.7 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_QC101_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 12.77 | - | - | 16.3 | - |
| 0861_MW037_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | 12.2 | - | - | 15.44 | - |
| 0861_MW41_180221 | QLD_0861_PFAS | EB1804971 | - | 0.37 | - | - | 0.42 | - |
| 0861_MW41_190508 | QLD_0861_PFAS | EB1911948 | - | 0.14 | - | - | 0.14 | - |
| MW41_191202 | QLD_0861_PFAS | EB1932627 | - | 0.23 | - | - | 0.23 | - |
| 0861_MW041_200423 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.11 | - | - | 0.11 | - |
| 0861_MW041_201014 | QLD_0861_PFASOMP | EB2027172 | - | <0.10 | - | - | <0.10 | - |
| 0861_MW041_211022 | QLD_0861_PFASOMP | EB2130835 | - | 0.19 | - | - | 0.19 | - |
| 0861_MW041_220405 | QLD_0861_PFASOMP | EB2209951 | - | 1.33 | - | - | 1.38 | - |
| 0861_MW041_221025 | QLD_0861_PFASOMP | EB2231825 | - | 0.59 | - | - | 0.74 | - |
| 0861_MW041_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW041_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 2.30 | - | - | 2.43 | - |
| 0861_MW041_240503 | QLD_0861_PFASOMP_24 | EB2414902 | - | 1.53 | - | - | 1.81 | - |
| 0861_MW041_241031 | QLD_0861_PFASOMP_24a | 1155836 | - | 1.82 | - | - | 2.2 | - |
| 0861_MW041_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 1.42 | - | - | 1.61 | - |
| 0861_MW42_180206 | QLD_0861_PFAS | EB1803636 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW42_190503 | QLD_0861_PFAS | EB1911342 | - | <0.10 | - | - | <0.10 | - |
| 0861_MW42_191126 | QLD_0861_PFAS | EB1932183 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW042_200428 | QLD_0861_PFASOMP | EB2011562 | - | 0.09 | - | - | 0.09 | - |
| 0861_MW042_201016 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.05 | - | - | <0.05 | - |
| 0861_MW042_210415 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC144_210415 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC244_210415 | QLD_0861_PFASOMP | RN1313031 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW042_211026 | QLD_0861_PFASOMP | EB2130850 | - | 0.06 | - | - | 0.06 | - |
| 0861_QC163_211026 | QLD_0861_PFASOMP | EB2130850 | - | 0.06 | - | - | 0.06 | - |
| 0861_QC263_211026 | QLD_0861_PFASOMP | RN1333717 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW042_220405 | QLD_0861_PFASOMP | EB2209951 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW042_221026 | QLD_0861_PFASOMP | EB2231825 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW042_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 0.07 | - | - | 0.07 | - |
| 0861_MW042_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.03 | - | - | 0.03 | - |
| 0861_MW042_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.23 | - | - | 0.23 | - |
| 0861_MW042_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | 0.64 | - | - | 0.7 | - |
| 0861_MW042_250502 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.15 | - | - | 0.16 | - |
| 0861_MW43_180222 | QLD_0861_PFAS | EB1804971 | - | <0.05 | - | - | <0.05 | - |
| 0861_QC126_180222 | QLD_0861_PFAS | EB1804971 | - | <0.05 | - | - | <0.05 | - |
| 0861_MW43_190503 | QLD_0861_PFAS | EB1911342 | - | <0.10 | - | - | <0.10 | - |
| 0861_MW43_191126 | QLD_0861_PFAS | EB1932183 | - | 0.21 | - | - | 0.21 | - |
| 0861_MW043_200428 | QLD_0861_PFASOMP | EB2011562 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW043_201016 | QLD_0861_PFASOMP | EB2027176-AA | - | <0.10 | - | - | <0.10 | - |
| 0861_MW043_210415 | QLD_0861_PFASOMP | EB2111121 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW043_211026 | QLD_0861_PFASOMP | EB2130850 | - | 1.26 | - | - | 1.34 | - |
| 0861_MW043_220405 | QLD_0861_PFASOMP | EB2209951 | - | 0.89 | - | - | 0.98 | - |
| 0861_MW043_221025 | QLD_0861_PFASOMP | EB2231825 | - | 0.14 | - | - | 0.14 | - |
| 0861_QC196_221025 | QLD_0861_PFASOMP | EB2231825 | - | 0.20 | - | - | 0.20 | - |
| 0861_QC296_221025 | QLD_0861_PFASOMP | RN1371573 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW043_230427 | QLD_0861_PFASOMP_23 | EB2312761-AA | - | 1.07 | - | - | 1.14 | - |
| 0861_MW043_231030 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.15 | - | - | 0.15 | - |
| 0861_MW043_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.76 | - | - | 0.82 | - |
| 0861_MW043_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | 1.36 | - | - | 1.58 | - |
| 0861_MW043_250502 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.42 | - | - | 0.52 | - |
| 0861_QC226-180222 | QLD_0861_PFAS | 186049 | - | - | - | - | - | - |
| 0861_MW44_180206 | QLD_0861_PFAS | EB1803636 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW44_190507 | QLD_0861_PFAS | EB1911948 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW44_191127 | QLD_0861_PFAS | EB1932183 | - | 0.05 | - | - | 0.05 | - |
| 0861_MW044_200422 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.14 | - | - | 0.14 | - |
| 0861_MW044_201015 | QLD_0861_PFASOMP | EB2027172 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW044_210421 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
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| Field ID | Project ID | Lab Report Number | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0861_MW044_211021 | QLD_0861_PFASOMP | EB2130835 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW044_220401 | QLD_0861_PFASOMP | EB2209950 | - | 0.01 | - | - | 0.01 | - |
| 0861_QC176_220401 | QLD_0861_PFASOMP | EB2209942 | - | 0.02 | - | - | 0.02 | - |
| 0861_QC276_220401 | QLD_0861_PFASOMP | RN1349008 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW044_221026 | QLD_0861_PFASOMP | EB2231825 | - | <0.25 | - | - | <0.25 | - |
| 0861_QC197_221026 | QLD_0861_PFASOMP | EB2231825 | - | <0.25 | - | - | <0.25 | - |
| 0861_QC297_221026 | QLD_0861_PFASOMP | RN1371573 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW044_230511 | QLD_0861_PFASOMP_23 | EB2314270 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW044_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC108_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 0.02 | - | - | 0.02 | - |
| 0861_MW044_240418 | QLD_0861_PFASOMP_24 | EB2413910 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW044_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW044_250429 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.09 | - | - | <0.1 | - |
| 0861_MW46_180207 | QLD_0861_PFAS | EB1803867 | - | 432 | - | - | 456 | - |
| 0861_MW46_180207 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - |
| 0861_MW46_190506 | QLD_0861_PFAS | EB1911948 | - | 635 | - | - | 663 | - |
| MW46_190625 | QLD_0861_FSBGME | 662866 | - | 746.7 | - | - | 784.48 | - |
| 0861_MW46_191118 | QLD_0861_PFAS | EB1931427 | - | 522 | - | - | 551 | - |
| 0861_MW046_200427 | QLD_0861_PFASOMP | EB2011562 | - | 571 | - | - | 597 | - |
| 0861_MW046_201019 | QLD_0861_PFASOMP | EB2027539 | - | 621 | - | - | 654 | - |
| 0861_QC130_201019 | QLD_0861_PFASOMP | EB2027539 | - | 622 | - | - | 655 | - |
| 0861_QC230_201019 | QLD_0861_PFASOMP | RN1292508 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW046_210421 | QLD_0861_PFASOMP | EB2111121 | - | 663 | - | - | 707 | - |
| 0861_MW046_211026 | QLD_0861_PFASOMP | EB2130850 | - | 444 | - | - | 462 | - |
| 0861_MW046_220330 | QLD_0861_PFASOMP | EB2209950 | - | 430 | - | - | 450 | - |
| 0861_MW046_221025 | QLD_0861_PFASOMP | EB2231825 | - | 557 | - | - | 587 | - |
| 0861_MW046_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 187 | - | - | 196 | - |
| 0861_MW046_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 358 | - | - | 373 | - |
| 0861_MW046_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 58.1 | - | - | 60.6 | - |
| 0861_MW046_241031 | QLD_0861_PFASOMP_24a | 1155836 | - | 602.1 | - | - | 636.29 | - |
| 0861_MW046_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 18.33 | - | - | 19.15 | - |
| 0861_MW47_180115 | QLD_0861_PFAS | EB1802042 | - | 0.54 | - | - | 0.54 | - |
| 0861_MW47_180406 | QLD_0861_PFAS | EB1808673 | - | 0.30 | - | - | 0.30 | - |
| 0861_MW47_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - |
| 0861_MW47_190502 | QLD_0861_PFAS | EB1911342 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW47_191121 | QLD_0861_PFAS | EB1931427 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW047_200423 | QLD_0861_PFASOMP | EB2011246-AC | - | 15.9 | - | - | 17.2 | - |
| 0861_QC114_200423 | QLD_0861_PFASOMP | EB2011246-AC | - | 15.6 | - | - | 16.8 | - |
| 0861_QC214_200423 | QLD_0861_PFASOMP | RN1274652 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW047_201012 | QLD_0861_PFASOMP | EB2027172 | - | 1.77 | - | - | 1.87 | - |
| 0861_QC118_201012 | QLD_0861_PFASOMP | EB2027176-AA | - | 1.99 | - | - | 2.12 | - |
| 0861_QC218_201012 | QLD_0861_PFASOMP | RN1292028 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW047_210420 | QLD_0861_PFASOMP | EB2111121 | - | 3.53 | - | - | 3.80 | - |
| 0861_QC148_210420 | QLD_0861_PFASOMP | EB2111121 | - | 0.78 | - | - | 0.82 | - |
| 0861_QC248_210420 | QLD_0861_PFASOMP | RN1313031 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW047_211026 | QLD_0861_PFASOMP | EB2130850 | - | 13.6 | - | - | 14.5 | - |
| 0861_MW047_220330 | QLD_0861_PFASOMP | EB2209950 | - | 9.77 | - | - | 10.6 | - |
| 0861_QC172_220330 | QLD_0861_PFASOMP | EB2209942 | - | 79.7 | - | - | 84.3 | - |
| 0861_QC272_220330 | QLD_0861_PFASOMP | RN1349008 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW047_221025 | QLD_0861_PFASOMP | EB2231825 | - | 22.6 | - | - | 24.5 | - |
| 0861_MW047_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 14.7 | - | - | 16.4 | - |
| 0861_MW047_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 1.13 | - | - | 1.21 | - |
| 0861_QC110_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 1.41 | - | - | 1.50 | - |
| 0861_QC210_231026 | QLD_0861_PFASOMP_23 | RN1410504 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW047_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 19.2 | - | - | 20.4 | - |
| 0861_MW047_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 6.08 | - | - | 6.67 | - |
| 0861_MW047_250507 | QLD_0861_PFASOMP_25 | 1217993 | - | 152.1 | - | - | 163.69 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW48_180205 | QLD_0861_PFAS | EB1803636 | - | 32.2 | - | - | 34.1 | - |
| 0861_MW48_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - |
| 0861_MW48_190430 | QLD_0861_PFAS | EB1911342 | - | 21.2 | - | - | 22.7 | - |
| 0861_QC101_190430 | QLD_0861_PFAS | EB1911342 | - | 21.9 | - | - | 23.3 | - |
| 0861_QC201_190430 | QLD_0861_PFAS | 217104 | - | - | - | - | 26 | - |
| 0861_MW48_191118 | QLD_0861_PFAS | EB1931427 | - | 20.8 | - | - | 22.0 | - |
| 0861_MW048_200424 | QLD_0861_PFASOMP | EB2011246-AC | - | 19.5 | - | - | 20.9 | - |
| 0861_MW048_201012 | QLD_0861_PFASOMP | EB2027172 | - | 17.9 | - | - | 19.0 | - |
| 0861_MW048_210416 | QLD_0861_PFASOMP | EB2111121 | - | 9.58 | - | - | 10.2 | - |
| 0861_MW048_211021 | QLD_0861_PFASOMP | EB2130835 | - | 2.70 | - | - | 2.82 | - |
| 0861_MW048_220329 | QLD_0861_PFASOMP | EB2209950 | - | 6.27 | - | - | 6.73 | - |
| 0861_MW048_221025 | QLD_0861_PFASOMP | EB2231825 | - | 23.7 | - | - | 25.1 | - |
| 0861_MW048_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 9.81 | - | - | 10.4 | - |
| 0861_MW048_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 10.4 | - | - | 11.1 | - |
| 0861_QC109_231026 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 11.4 | - | - | 12.1 | - |
| 0861_QC209_231026 | QLD_0861_PFASOMP_23 | RN1410504 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW048_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 2.97 | - | - | 3.15 | - |
| 0861_MW048_241112 | QLD_0861_PFASOMP_24a | 1161658 | - | 0.82 | - | - | 0.82 | - |
| 0861_QC201_241112 | QLD_0861_PFASOMP_24a | 366900 | - | - | - | - | 0.70 | - |
| 0861_MW048_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | 5.77 | - | - | 6.07 | - |
| 0861_MW49_180205 | QLD_0861_PFAS | EB1803636 | - | 62.6 | - | - | 66.3 | - |
| 0861_MW49_180205 | QLD_0861_PFAS | ES1806917 | - | - | - | - | - | - |
| 0861_QC123_180205 | QLD_0861_PFAS | EB1803636 | - | 56.6 | - | - | 60.0 | - |
| 0861_QC223_180205 | QLD_0861_PFAS | EB1803636 | - | 60.6 | - | - | 64.1 | - |
| 0861_MW49_190430 | QLD_0861_PFAS | EB1911342 | - | 56.0 | - | - | 59.1 | - |
| 0861_MW49_191119 | QLD_0861_PFAS | EB1931427 | - | 42.4 | - | - | 45.0 | - |
| 0861_QC103_191119 | QLD_0861_PFAS | EB1931427 | - | 42.3 | - | - | 44.8 | - |
| 0861_QC203_191118 | QLD_0861_PFAS | 231783 | - | - | - | - | 43 | - |
| 0861_MW049_200424 | QLD_0861_PFASOMP | EB2011246-AC | - | 28.9 | - | - | 30.7 | - |
| 0861_MW049_201012 | QLD_0861_PFASOMP | EB2027172 | - | 28.2 | - | - | 30.1 | - |
| 0861_MW049_211021 | QLD_0861_PFASOMP | EB2130835 | - | 34.5 | - | - | 36.8 | - |
| 0861_MW049_220407 | QLD_0861_PFASOMP | EB2209951 | - | 6.44 | - | - | 6.88 | - |
| 0861_MW049_221025 | QLD_0861_PFASOMP | EB2231825 | - | 21.8 | - | - | 23.2 | - |
| 0861_MW049_241112 | QLD_0861_PFASOMP_24a | 1161658 | - | 1.17 | - | - | 1.28 | - |
| 0861_QC101_241112 | QLD_0861_PFASOMP_24a | 1161658 | - | 1.34 | - | - | 1.46 | - |
| 0861_MW049_250430 | QLD_0861_PFASOMP_25 | 1215849 | - | 4.13 | - | - | 4.56 | - |
| 0861_MW50_180205 | QLD_0861_PFAS | EB1803636 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW50_190430 | QLD_0861_PFAS | EB1911342 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW50_191125 | QLD_0861_PFAS | EB1932183 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW050_200424 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.02 | - | - | 0.02 | - |
| 0861_QC216_200424 | QLD_0861_PFASOMP | RN1274652 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW050_201012 | QLD_0861_PFASOMP | EB2027208-AB | - | 0.01 | - | - | 0.01 | - |
| 0861_MW050_210421 | QLD_0861_PFASOMP | EB2111121 | - | 0.33 | - | - | 0.33 | - |
| 0861_MW050_211028 | QLD_0861_PFASOMP | EB2130850 | - | 0.24 | - | - | 0.24 | - |
| 0861_MW050_220330 | QLD_0861_PFASOMP | EB2209950 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW050_221024 | QLD_0861_PFASOMP | EB2231825 | - | 0.17 | - | - | 0.17 | - |
| 0861_MW050_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 0.39 | - | - | 0.41 | - |
| 0861_QC100_230417 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 0.40 | - | - | 0.42 | - |
| 0861_QC200_230417 | QLD_0861_PFASOMP_23 | RN1393124 | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| 0861_MW050_231028 | QLD_0861_PFASOMP_23 | EB2333894-AA | - | 0.36 | - | - | 0.36 | - |
| 0861_MW050_240419 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.25 | - | - | 0.25 | - |
| 0861_MW050_241028 | QLD_0861_PFASOMP_24a | 1155836 | - | 0.06 | - | - | *<0.1* | - |
| 0861_MW050_250502 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.18 | - | - | 0.2 | - |
| 0861_MW54D_180221 | QLD_0861_PFAS | EB1804971 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW54D_180405 | QLD_0861_PFAS | EB1808672 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_MW54D_190509 | QLD_0861_PFAS | EB1911948 | - | *<0.01* | - | - | *<0.01* | - |
| 0861_QC101_190509 | QLD_0861_PFAS | EB1911948 | - | *<0.01* | - | - | *<0.01* | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
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| Field ID | Project ID | Lab Report Number | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0861_QC201_190509 | QLD_0861_PFAS | 217521 | - | - | - | - | <0.01 | - |
| 0861_MW54D_191128 | QLD_0861_PFAS | EB1932183 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW054D_200424 | QLD_0861_PFASOMP | EB2011246-AD | - | 0.50 | - | - | 0.50 | - |
| 0861_MW054D_201023 | QLD_0861_PFASOMP | EB2027834 | - | 0.14 | - | - | 0.14 | - |
| 0861_MW054D_210421 | QLD_0861_PFASOMP | EB2111111 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW054D_211028 | QLD_0861_PFASOMP | EB2130821 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW054D_220405 | QLD_0861_PFASOMP | EB2209940 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW054D_221109 | QLD_0861_PFASOMP | EB2233627 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW054D_230426 | QLD_0861_PFASOMP_23 | EB2312770 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW054D_231026 | QLD_0861_PFASOMP_23 | EB2333895 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW054D_240416 | QLD_0861_PFASOMP_24 | EB2413937 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW054D_241126 | QLD_0861_PFASOMP_24a | 1164996 | - | <0.05 | - | - | <0.1 | - |
| 0861_QC201_241126 | QLD_0861_PFASMGMT_24 | 367942 | - | - | - | - | 0.01 | - |
| 0861_MW054_D_250428 | QLD_0861_PFASOMP_25 | 1221796 | - | 0.22 | - | - | 0.24 | - |
| 0861_MW54S_180221 | QLD_0861_PFAS | EB1804971 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW54S_180405 | QLD_0861_PFAS | EB1808672 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW54S_190509 | QLD_0861_PFAS | EB1911948 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW54S_191128 | QLD_0861_PFAS | EB1932183 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW054S_200424 | QLD_0861_PFASOMP | EB2011246-AD | - | <0.10 | - | - | <0.10 | - |
| 0861_QC117_200424 | QLD_0861_PFASOMP | EB2011246-AD | - | 0.10 | - | - | 0.10 | - |
| 0861_QC217_200424 | QLD_0861_PFASOMP | RN1274651 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW054S_210421 | QLD_0861_PFASOMP | EB2111111 | - | 0.10 | - | - | 0.10 | - |
| 0861_MW054S_211028 | QLD_0861_PFASOMP | EB2130821 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW054S_220405 | QLD_0861_PFASOMP | EB2209940 | - | 0.28 | - | - | 0.28 | - |
| 0861_MW054S_221109 | QLD_0861_PFASOMP | EB2233627 | - | 0.44 | - | - | 0.47 | - |
| 0861_MW054S_230426 | QLD_0861_PFASOMP_23 | EB2312770 | - | 0.36 | - | - | 0.38 | - |
| 0861_MW054S_231026 | QLD_0861_PFASOMP_23 | EB2333895 | - | 0.30 | - | - | 0.30 | - |
| 0861_MW054S_240416 | QLD_0861_PFASOMP_24 | EB2413937 | - | 0.22 | - | - | 0.22 | - |
| 0861_MW054S_241126 | QLD_0861_PFASOMP_24a | 1164996 | - | 0.12 | - | - | 0.12 | - |
| 0861_QC101_241126 | QLD_0861_PFASOMP_24a | 1164996 | - | 0.12 | - | - | 0.12 | - |
| 0861_MW054_S_250428 | QLD_0861_PFASOMP_25 | 1221796 | - | 0.13 | - | - | 0.13 | - |
| 0861_MW55D_180308 | QLD_0861_PFAS | EB1806399 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW55D_180406 | QLD_0861_PFAS | EB1808673 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW55D_190502 | QLD_0861_PFAS | EB1911342 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW55D_191121 | QLD_0861_PFAS | EB1931427 | - | 0.87 | - | - | 0.87 | - |
| 0861_MW055D_200424 | QLD_0861_PFASOMP | EB2011246-AC | - | 0.52 | - | - | 0.52 | - |
| 0861_MW055D_201014 | QLD_0861_PFASOMP | EB2027172 | - | 0.41 | - | - | 0.41 | - |
| 0861_MW055D_210416 | QLD_0861_PFASOMP | EB2111121 | - | 0.19 | - | - | 0.19 | - |
| 0861_MW055D_211021 | QLD_0861_PFASOMP | EB2130835 | - | 0.05 | - | - | 0.05 | - |
| 0861_MW055D_220401 | QLD_0861_PFASOMP | EB2209950 | - | 0.04 | - | - | 0.04 | - |
| 0861_MW055D_221020 | QLD_0861_PFASOMP | EB2231197 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW055D_230511 | QLD_0861_PFASOMP_23 | EB2314270 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW055D_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW055D_240416 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW55D_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW055_D_250501 | QLD_0861_PFASOMP_25 | 1215849 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW55S_180308 | QLD_0861_PFAS | EB1806399 | - | 1.46 | - | - | 1.64 | - |
| 0861_MW55S_180308 | QLD_0861_PFAS | ES1808754 | - | 1.34 | - | - | 1.54 | - |
| 0861_MW55_180406 | QLD_0861_PFAS | EB1810410 | - | - | - | - | - | - |
| 0861_MW55S_180406 | QLD_0861_PFAS | EB1808673 | - | 0.94 | - | - | 1.05 | - |
| 0861_MW55S_190502 | QLD_0861_PFAS | EB1911342 | - | 1.43 | - | - | 1.58 | - |
| 0861_QC103_190502 | QLD_0861_PFAS | EB1911342 | - | 1.44 | - | - | 1.59 | - |
| 0861_MW55S_191121 | QLD_0861_PFAS | EB1931427 | - | 1.67 | - | - | 1.86 | - |
| 0861_MW055S_200424 | QLD_0861_PFASOMP | EB2011246-AC | - | 1.69 | - | - | 1.87 | - |
| 0861_MW055S_201014 | QLD_0861_PFASOMP | EB2027172 | - | 2.36 | - | - | 2.58 | - |
| 0861_MW055S_210416 | QLD_0861_PFASOMP | EB2111121 | - | 0.81 | - | - | 0.91 | - |
| 0861_MW055S_211021 | QLD_0861_PFASOMP | EB2130835 | - | 0.60 | - | - | 0.65 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
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| Field ID | Project ID | Lab Report Number | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0861_MW055S_220401 | QLD_0861_PFASOMP | EB2209950 | - | 0.87 | - | - | 0.96 | - |
| 0861_MW055S_221020 | QLD_0861_PFASOMP | EB2231197 | - | 0.17 | - | - | 0.17 | - |
| 0861_MW055S_230511 | QLD_0861_PFASOMP_23 | EB2314270 | - | 0.61 | - | - | 0.66 | - |
| 0861_MW055S_231024 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | 2.89 | - | - | 3.22 | - |
| 0861_MW055S_240416 | QLD_0861_PFASOMP_24 | EB2413910 | - | 3.26 | - | - | 3.60 | - |
| 0861_MW55S_241104 | QLD_0861_PFASOMP_24a | 1156536 | - | 2.45 | - | - | 2.78 | - |
| 0861_MW055_S_250501 | QLD_0861_PFASOMP_25 | 1215849 | - | 0.29 | - | - | 0.32 | - |
| 0861_MW56D_180221 | QLD_0861_PFAS | EB1804971 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW56D_180405 | QLD_0861_PFAS | EB1808674 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW56D_190509 | QLD_0861_PFAS | EB1911948 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW56D_191128 | QLD_0861_PFAS | EB1932183 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW056I_200422 | QLD_0861_PFASOMP | EB2011255 | - | 0.09 | - | - | 0.09 | - |
| 0861_MW056I_201015 | QLD_0861_PFASOMP | EB2027208-AA | - | 0.07 | - | - | 0.07 | - |
| 0861_MW056I_210415 | QLD_0861_PFASOMP | EB2111112 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW056I_211022 | QLD_0861_PFASOMP | EB2130815 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW056I_220329 | QLD_0861_PFASOMP | EB2209946 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW056I_230418 | QLD_0861_PFASOMP_23 | EB2312057 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW056I_231026 | QLD_0861_PFASOMP_23 | EB2333894-AB | - | 0.03 | - | - | 0.03 | - |
| 0861_MW056I_240416 | QLD_0861_PFASOMP_24 | EB2413946 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW056I_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | 0.1 | - | - | 0.1 | - |
| 0861_MW056_I_250429 | QLD_0861_PFASOMP_25 | 1215379 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW56S_180221 | QLD_0861_PFAS | EB1804971 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW56S_180405 | QLD_0861_PFAS | EB1808674 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW56S_190509 | QLD_0861_PFAS | EB1911948 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW56S_191128 | QLD_0861_PFAS | EB1932183 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW056S_200422 | QLD_0861_PFASOMP | EB2011255 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW056S_201015 | QLD_0861_PFASOMP | EB2027208-AA | - | <0.02 | - | - | <0.02 | - |
| 0861_MW056S_210415 | QLD_0861_PFASOMP | EB2111112 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW056S_211022 | QLD_0861_PFASOMP | EB2130815 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW056S_220329 | QLD_0861_PFASOMP | EB2209946 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC171_220329 | QLD_0861_PFASOMP | EB2209942 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC271_220329 | QLD_0861_PFASOMP | RN1349008 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW056S_231026 | QLD_0861_PFASOMP_23 | EB2333898 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW056S_240416 | QLD_0861_PFASOMP_24 | EB2413946 | - | 0.01 | - | - | 0.01 | - |
| 0861_QC107_240416 | QLD_0861_PFASOMP_24 | EB2413950 | - | 0.01 | - | - | 0.01 | - |
| 0861_QC207_240416 | QLD_0861_PFASOMP_24 | RN1427801 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW056S_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW056_S_250429 | QLD_0861_PFASOMP_25 | 1215379 | - | <0.05 | - | - | <0.1 | - |
| 0861_MW57D_180222 | QLD_0861_PFAS | EB1804971 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW57D_180406 | QLD_0861_PFAS | EB1808674 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC134_080406 | QLD_0861_PFAS | EB1808675 | - | <0.01 | - | - | <0.01 | - |
| 0861_QC234_180406 | QLD_0861_PFAS | 189173 | - | - | - | - | - | - |
| 0861_MW57D_190514 | QLD_0861_PFAS | EB1912390 | - | 0.01 | - | - | 0.01 | - |
| 0861_QC101_190514 | QLD_0861_PFAS | EB1912390 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW57D_191128 | QLD_0861_PFAS | EB1932183 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_200428 | QLD_0861_PFASOMP | EB2011568 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_201015 | QLD_0861_PFASOMP | EB2027208-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_210421 | QLD_0861_PFASOMP | EB2111112 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_211022 | QLD_0861_PFASOMP | EB2130815 | - | 0.73 | - | - | 0.82 | - |
| 0861_MW057I_211126 | QLD_0861_PFASOMP | EB2134318 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_220404 | QLD_0861_PFASOMP | EB2209946 | - | 0.01 | - | - | 0.01 | - |
| 0861_MW057I_221026 | QLD_0861_PFASOMP | EB2231850 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_230419 | QLD_0861_PFASOMP_23 | EB2312057 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_240503 | QLD_0861_PFASOMP_24 | EB2414909 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057I_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | 0.14 | - | - | 0.14 | - |
| 0861_MW057_I_250428 | QLD_0861_PFASOMP_25 | 1215379 | - | <0.05 | - | - | <0.1 | - |

Table C-3: Historical Groundwater Analytical Summary

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfluorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Field ID | Project ID | Lab Report Number | | | | | | |
| 0861_MW57S_180222 | QLD_0861_PFAS | EB1804971 | - | 0.31 | - | - | 0.39 | - |
| 0861_MW57S_180406 | QLD_0861_PFAS | EB1808674 | - | 0.32 | - | - | 0.38 | - |
| 0861_MW57S_190514 | QLD_0861_PFAS | EB1912390 | - | 0.22 | - | - | 0.26 | - |
| 0861_MW57S_191128 | QLD_0861_PFAS | EB1932183 | - | 0.23 | - | - | 0.28 | - |
| 0861_MW057S_200428 | QLD_0861_PFASOMP | EB2011568 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW057S_201015 | QLD_0861_PFASOMP | EB2027208-AA | - | 0.20 | - | - | 0.25 | - |
| 0861_MW057S_210421 | QLD_0861_PFASOMP | EB2111112 | - | 0.10 | - | - | 0.10 | - |
| 0861_MW057S_211022 | QLD_0861_PFASOMP | EB2130815 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW057S_211126 | QLD_0861_PFASOMP | EB2134318 | - | 0.07 | - | - | 0.07 | - |
| 0861_MW057S_220404 | QLD_0861_PFASOMP | EB2209946 | - | 0.96 | - | - | 1.05 | - |
| 0861_QC179_220404 | QLD_0861_PFASOMP | EB2209942 | - | 1.08 | - | - | 1.20 | - |
| 0861_QC279_220404 | QLD_0861_PFASOMP | RN1349008 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW057S_221026 | QLD_0861_PFASOMP | EB2231850 | - | 3.59 | - | - | 3.97 | - |
| 0861_MW057S_230419 | QLD_0861_PFASOMP_23 | EB2312057 | - | 1.95 | - | - | 2.18 | - |
| 0861_QC103_230419 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | 1.79 | - | - | 2.07 | - |
| 0861_QC203_230419 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW057S_231129 | QLD_0861_PFASOMP_23 | EB2337879-AB | - | 1.50 | - | - | 1.72 | - |
| 0861_MW057S_240503 | QLD_0861_PFASOMP_24 | EB2414909 | - | 0.52 | - | - | 0.61 | - |
| 0861_MW057S_241108 | QLD_0861_PFASOMP_24a | 1158339 | - | 1.92 | - | - | 2.22 | - |
| 0861_MW057_S_250428 | QLD_0861_PFASOMP_25 | 1215379 | - | 0.64 | - | - | 0.72 | - |
| 0861_QC203_190502 | QLD_0861_PFAS | 217104 | - | - | - | - | 1.8 | - |
| 0861_MW309_190508 | QLD_0861_PFAS | EB1911948 | - | 0.02 | - | - | 0.02 | - |
| 0861_QC103_190508 | QLD_0861_PFAS | EB1911948 | - | 0.02 | - | - | 0.02 | - |
| 0861_MW309_191127 | QLD_0861_PFAS | EB1932183 | - | 0.08 | - | - | 0.08 | - |
| 0861_MW309_200427 | QLD_0861_PFASOMP | EB2011562 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW309_201013 | QLD_0861_PFASOMP | EB2027172 | - | 0.06 | - | - | 0.06 | - |
| 0861_MW309_210420 | QLD_0861_PFASOMP | EB2111121 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW309_211026 | QLD_0861_PFASOMP | EB2130850 | - | <0.01 | - | - | <0.01 | - |
| 0861_MW309_220330 | QLD_0861_PFASOMP | EB2209950 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW309_221025 | QLD_0861_PFASOMP | EB2231825 | - | <0.02 | - | - | <0.02 | - |
| 0861_MW309_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC104_230420 | QLD_0861_PFASOMP_23 | EB2312062-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_QC204_230420 | QLD_0861_PFASOMP_23 | RN1393124 | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| 0861_MW309_231027 | QLD_0861_PFASOMP_23 | EB2333887-AA | - | <0.01 | - | - | <0.01 | - |
| 0861_MW309_240415 | QLD_0861_PFASOMP_24 | EB2413910 | - | 0.03 | - | - | 0.03 | - |
| 0861_MW309_250508 | QLD_0861_PFASOMP_25 | 1217993 | - | <0.05 | - | - | <0.1 | - |

**Table C-3: Historical Groundwater Analytical Summary**

| | | | PFAS | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | | 0.01 | 0.0002 | 0.02 | 0.05 | 0.0002 | 0.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| **Field ID** | **Project ID** | **Lab Report Number** | | | | | | |
| **0861_MW535_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | *<0.01* | - | - | *<0.01* | - |
| **0861_MW535_241101** | **QLD_0861_PFASOMP_24a** | **1155836** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_MW535_250506** | **QLD_0861_PFASOMP_25** | **1217993** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_QC109_250506** | **QLD_0861_PFASOMP_25** | **1217993** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_QC209_250506** | **QLD_0861_PFASOMP_25** | **380688** | - | - | - | - | *<0.01* | - |
| **0861_MW536_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | **2.35** | - | - | **2.47** | - |
| **0861_MW536_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | - | **1.85** | - | - | **1.99** | - |
| **0861_MW536_250506** | **QLD_0861_PFASOMP_25** | **1217993** | - | **2.19** | - | - | **2.34** | - |
| **0861_MW537_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | **1.53** | - | - | **1.72** | - |
| **0861_MW537_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | - | **1.07** | - | - | **1.37** | - |
| **0861_MW537_250501** | **QLD_0861_PFASOMP_25** | **1215849** | - | **0.97** | - | - | **1.21** | - |
| **0861_MW538_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | **0.05** | - | - | **0.05** | - |
| **0861_MW538_241104** | **QLD_0861_PFASOMP_24a** | **1156536** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_MW538_250501** | **QLD_0861_PFASOMP_25** | **1215849** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_QC106_250501** | **QLD_0861_PFASOMP_25** | **1215849** | - | *<0.05* | - | - | *<0.1* | - |
| **0861_QC206_250501** | **QLD_0861_PFASOMP_25** | **MGE0150** | - | - | - | - | *<0.010* | - |
| **0861_MW539_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | **13.6** | - | - | **16.1** | - |
| **0861_QC100_240711** | **QLD_0861_PFASOMP_24** | **EB2423759** | - | **13.7** | - | - | **16.0** | - |
| **0861_MW539_241031** | **QLD_0861_PFASOMP_24a** | **1155836** | - | **10.25** | - | - | **14.35** | - |
| **0861_MW539_250507** | **QLD_0861_PFASOMP_25** | **1217993** | - | **17.43** | - | - | **23.03** | - |

**Environmental Standards**

NHMRC, 25 June 2025, PFAS in Drinking Water (ADWG 2025)

HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%

HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW003 | 01 Aug 2012 | RAAF AMB SW106 | QLD_Hist_202012-3 | Normal | EB1220184 | - | - | - | - | **6.37** | - | - | - | - | - | - | **0.15** | - | - | - | - |
| SW003 | 11 Oct 2012 | 5259_SW106_121011 | QLD_Hist_202012-3 | Normal | EB1226594 | - | - | - | - | **0.04** | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW003 | 17 Jan 2013 | 5259_SW106_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | **0.82** | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW003 | 21 Aug 2013 | E0861_SW106_130821 | QLD_Hist_202012-3 | Normal | EB1320178 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW003 | 02 Mar 2017 | 0861_SW03_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | <0.02 | <0.02 | **0.05** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 29 Apr 2019 | 0861_SW003_190429 | QLD_0861_PFAS | Normal | EB1911387 | **0.36** | **0.37** | **2.41** | **0.10** | **3.06** | - | <0.02 | **0.2** | **0.61** | **1.02** | **0.24** | **0.32** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW003 | 03 Apr 2020 | 0861_SW003_200403 | QLD_0861_WQMP | Normal | EB2009476 | <0.02 | <0.02 | **0.05** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 05 Aug 2020 | 0861_SW003_200805 | QLD_0861_WQMP | Normal | EB2020602 | <0.02 | <0.02 | **0.03** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 03 Nov 2020 | 0861_SW003_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.26** | **0.20** | **1.73** | **0.12** | **3.10** | - | <0.02 | **0.4** | **0.66** | **0.77** | **0.25** | **0.28** | **0.04** | <0.02 | <0.02 | <0.02 |
| SW003 | 18 Feb 2021 | 0861_SW003_210218 | QLD_0861_WQMP | Normal | EB2104526 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 30 Mar 2021 | 0861_SW003_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **0.28** | **0.28** | **1.71** | **0.06** | **1.39** | - | <0.02 | **0.3** | **0.76** | **0.90** | **0.21** | **0.19** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 12 Aug 2021 | 0861_QC103_210812 | QLD_0861_WQMP | Field_D | EB2122672 | <0.04 | <0.02 | **0.04** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.04 | **0.04** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 12 Aug 2021 | 0861_QC203_210812 | QLD_0861_WQMP | Interlab_D | 816766 | <0.01 | <0.01 | **0.04** | <0.01 | **0.04** | <0.01 | <0.01 | <0.05 | **0.02** | **0.03** | **0.01** | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW003 | 12 Aug 2021 | 0861_SW003_210812 | QLD_0861_WQMP | Normal | EB2122672 | <0.04 | <0.02 | **0.04** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.04 | **0.04** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 22 Oct 2021 | 0861_SW003_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.10** | **0.08** | **0.58** | **0.03** | **0.85** | - | <0.02 | <0.1 | **0.16** | **0.24** | **0.04** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 16 Feb 2022 | 0861_SW003_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 28 Mar 2022 | 0861_QC168_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | **0.71** | **0.84** | **3.12** | **0.20** | **2.94** | - | <0.02 | **0.4** | **1.00** | **1.69** | **0.46** | **0.41** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW003 | 28 Mar 2022 | 0861_QC268_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | **0.58** | **0.51** | **2.1** | **0.084** | **1.6** | <0.01 | **0.014** | **0.34** | **0.81** | **1.3** | **0.3** | **0.34** | **0.024** | <0.01 | **0.014** | **0.032** |
| SW003 | 28 Mar 2022 | 0861_SW003_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.86** | **0.76** | **3.75** | **0.17** | **3.20** | - | <0.02 | **0.3** | **1.03** | **1.89** | **0.42** | **0.58** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW003 | 09 Jun 2022 | 0861_SW003_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 21 Oct 2022 | 0861_SW003_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | **0.10** | <0.02 | **0.33** | - | <0.02 | <0.1 | **0.06** | **0.06** | **0.03** | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 07 Feb 2023 | 0861_SW003_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 18 Apr 2023 | 0861_SW003_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.16** | **0.13** | **0.84** | **0.05** | **1.47** | - | <0.02 | <0.1 | **0.20** | **0.33** | **0.08** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 18 Aug 2023 | 0861_SW003_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | **0.55** | **0.35** | **1.39** | **0.04** | **1.12** | - | <0.02 | **0.2** | **0.11** | **0.27** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 29 Nov 2023 | 0861_SW003_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **0.11** | **0.06** | **0.33** | <0.02 | **0.79** | - | <0.02 | <0.1 | **0.15** | **0.15** | **0.04** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 21 Dec 2023 | 0861_SW003_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | <0.02 | <0.02 | **0.03** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 10 Apr 2024 | 0861_SW003_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.05** | **0.04** | **0.30** | <0.02 | **0.55** | - | <0.02 | <0.1 | **0.13** | **0.13** | **0.05** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 01 Aug 2024 | 0861_SW003_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 04 Feb 2025 | 0861_SW003_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW003 | 06 May 2025 | 0861_SW003_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.34** | **0.31** | **2.3** | **0.06** | **1.2** | <0.01 | <0.01 | **0.22** | **0.57** | **0.91** | **0.20** | **0.24** | **0.01** | <0.01 | <0.01 | <0.01 |
| SW004 | 31 May 2017 | 0861_SW04_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 02 May 2019 | 0861_SW004_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 18 Nov 2019 | 0861_SW004_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | **0.04** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 14 Apr 2020 | 0861_SW004_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.03** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 12 Oct 2020 | 0861_SW004_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 14 Apr 2021 | 0861_SW004_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.04** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 19 Oct 2021 | 0861_SW004_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 29 Mar 2022 | 0861_SW004_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.04** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 18 Oct 2022 | 0861_SW004_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 28 Apr 2023 | 0861_SW004_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 25 Oct 2023 | 0861_SW004_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 09 Apr 2024 | 0861_SW004_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | **0.01** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW004 | 08 Nov 2024 | 0861_SW004_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW004 | 30 Apr 2025 | 0861_QC105_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW004 | 30 Apr 2025 | 0861_QC205_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | **0.023** | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 |
| SW004 | 30 Apr 2025 | 0861_SW004_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW005 | 31 May 2017 | 0861_SW05_170531 | QLD_0861_PFAS | Normal | EB1711233 | **0.05** | **0.04** | **0.30** | <0.02 | **1.34** | - | <0.02 | <0.1 | <0.02 | **0.07** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW005 | 30 Apr 2019 | 0861_SW005_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.22** | **0.21** | **1.74** | **0.06** | **3.02** | - | <0.02 | <0.1 | **0.12** | **0.36** | **0.04** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 18 Nov 2019 | 0861_SW005_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | **0.03** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 14 Apr 2020 | 0861_SW005_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.03** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 12 Oct 2020 | 0861_SW005_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.25** | **0.18** | **1.50** | **0.06** | **2.78** | - | <0.02 | <0.10 | **0.14** | **0.41** | **0.04** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 12 Apr 2021 | 0861_SW005_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 19 Oct 2021 | 0861_SW005_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 29 Mar 2022 | 0861_SW005_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.02** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 18 Oct 2022 | 0861_QC182_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.09** | **0.07** | **0.50** | **0.03** | **1.26** | - | <0.02 | <0.1 | **0.04** | **0.13** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 18 Oct 2022 | 0861_QC282_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | **0.051** | **0.037** | **0.31** | <0.01 | **0.65** | <0.01 | <0.01 | <0.05 | <0.02 | **0.061** | <0.01 | **0.017** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW005 | 18 Oct 2022 | 0861_SW005_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.09** | **0.07** | **0.51** | **0.03** | **1.23** | - | <0.02 | <0.1 | **0.04** | **0.13** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 28 Apr 2023 | 0861_SW005_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **1.53** | **1.11** | **6.22** | **0.27** | **11.4** | - | <0.02 | **0.5** | **0.53** | **1.41** | **0.13** | **0.25** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 25 Oct 2023 | 0861_SW005_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.01** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 09 Apr 2024 | 0861_SW005_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW005 | 08 Nov 2024 | 0861_SW005_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | **0.01** | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW005 | 30 Apr 2025 | 0861_SW005_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW008 | 26 Jul 2012 | RAAFAmb SW14 26/07/2012 | QLD_Hist_202012-3 | Normal | EB1219768 | - | - | - | - | **7.02** | - | - | - | - | - | - | **0.68** | - | - | - | - |
| SW008 | 09 Oct 2012 | 5259_SW14_121009 | QLD_Hist_202012-3 | Normal | EB1226360 | - | - | - | - | **0.75** | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW008 | 16 Jan 2013 | 5259_SW14_130116 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | **4.27** | - | - | - | - | - | - | **0.09** | - | - | - | - |
| SW008 | 09 Aug 2013 | E0861_SW14_130809 | QLD_Hist_202012-3 | Normal | EB1319278 | - | - | - | - | **3.71** | - | - | - | - | - | - | **0.29** | - | - | - | - |
| SW008 | 02 Mar 2017 | 0861_SW08_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | **0.15** | **0.05** | **0.74** | <0.02 | **0.53** | - | <0.02 | <0.1 | **0.08** | **0.12** | **0.04** | **0.22** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 31 May 2017 | 0861_SW08_170531 | QLD_0861_PFAS | Normal | EB1711233 | **0.35** | **0.30** | **1.72** | **0.09** | **1.75** | - | **0.13** | <0.1 | **0.27** | **0.68** | **0.13** | **0.20** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 13 Oct 2017 | 0861_SW08_171013 | QLD_Hist_202012-3 | Normal | EB1721221 | **0.04** | **0.03** | **0.23** | <0.02 | **0.41** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 02 May 2019 | 0861_SW08_190502 | QLD_0861_PFAS | Normal | EB1911387 | **0.14** | **0.06** | **0.37** | <0.02 | **0.37** | - | <0.02 | <0.1 | **0.07** | **0.16** | **0.02** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 01 Apr 2020 | 0861_SW008_200401 | QLD_0861_WQMP | Normal | EB2009166 | **0.26** | **0.12** | **1.19** | **0.04** | **1.39** | - | <0.02 | **0.2** | **0.11** | **0.26** | **0.02** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 17 Apr 2020 | 0861_QC106_200417 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | **0.12** | **0.09** | **0.51** | **0.03** | **1.00** | - | <0.02 | <0.1 | **0.16** | **0.24** | **0.05** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | **0.085** | **0.065** | **0.45** | **0.014** | **0.78** | <0.01 | <0.01 | **0.052** | **0.16** | **0.22** | **0.052** | **0.067** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | **0.085** | **0.065** | **0.45** | **0.014** | **0.78** | <0.01 | <0.01 | **0.052** | **0.16** | **0.22** | **0.052** | **0.067** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW008 | 17 Apr 2020 | 0861_SW008_200417 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.10** | **0.09** | **0.43** | **0.02** | **0.92** | - | <0.02 | <0.1 | <0.16 | **0.23** | **0.07** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 05 Aug 2020 | 0861_SW008_200805 | QLD_0861_WQMP | Normal | EB2020602 | <0.18 | **0.06** | **0.40** | <0.02 | **0.61** | - | <0.02 | **0.1** | **0.10** | **0.18** | **0.06** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 03 Nov 2020 | 0861_SW008_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.08** | **0.06** | **0.37** | <0.04 | **1.06** | - | <0.04 | <0.3 | **0.07** | **0.12** | **0.05** | **0.06** | <0.04 | <0.04 | <0.04 | <0.04 |
| SW008 | 17 Feb 2021 | 0861_SW008_210217 | QLD_0861_WQMP | Normal | EB2104366 | <0.16 | **0.07** | **0.38** | **0.02** | **0.73** | - | <0.02 | <0.1 | **0.07** | **0.16** | **0.03** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 15 Apr 2021 | 0861_SW008_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.04** | **0.03** | **0.16** | <0.02 | **0.37** | - | <0.02 | <0.1 | **0.02** | **0.03** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 13 Aug 2021 | 0861_SW008_210813 | QLD_0861_WQMP | Normal | EB2122819 | **0.11** | **0.05** | **0.30** | <0.02 | **0.50** | - | <0.02 | <0.1 | **0.09** | **0.16** | **0.03** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 26 Oct 2021 | 0861_SW008_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.08** | **0.03** | **0.26** | <0.02 | **0.41** | - | <0.02 | <0.10 | <0.04 | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 15 Feb 2022 | 0861_SW008_220215 | QLD_0861_WQMP_22 | Normal | EB2204056 | **0.18** | **0.15** | **0.90** | **0.05** | **1.28** | - | <0.02 | <0.1 | **0.17** | **0.42** | **0.09** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 28 Mar 2022 | 0861_SW008_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.03** | <0.02 | **0.12** | <0.02 | **0.22** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 06 Jun 2022 | 0861_SW008_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | **0.02** | <0.02 | **0.11** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 26 Oct 2022 | 0861_SW008_221026 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.05 | <0.05 | <0.05 | <0.05 | **0.07** | - | <0.05 | <0.2 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW008 | 06 Feb 2023 | 0861_SW008_230206 | QLD_0861_WQMP_23 | Normal | EB2303185 | **0.02** | <0.02 | **0.08** | <0.02 | **0.20** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 27 Apr 2023 | 0861_SW008_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.14** | **0.08** | **0.51** | **0.03** | **0.93** | - | <0.02 | <0.1 | **0.13** | **0.23** | **0.04** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 15 Aug 2023 | 0861_SW008_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | **0.05** | **0.06** | **0.32** | <0.02 | **0.37** | - | <0.02 | <0.1 | **0.09** | **0.12** | **0.03** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 25 Oct 2023 | 0861_SW008_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.06** | **0.04** | **0.23** | <0.02 | **0.39** | - | <0.02 | <0.1 | **0.05** | **0.08** | **0.02** | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 20 Dec 2023 | 0861_SW008_231220 | QLD_0861_WQMP_24 | Normal | EB2340474 | **0.04** | <0.02 | **0.14** | <0.02 | **0.27** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 12 Apr 2024 | 0861_SW008_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.34 | **0.23** | **1.63** | **0.08** | **2.56** | - | <0.02 | **0.1** | **0.34** | **0.58** | **0.12** | **0.18** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 30 Jul 2024 | 0861_QC101_240730 | QLD_0861_WQMP_24 | Field_D | EB2425927 | **0.11** | **0.07** | **0.48** | <0.02 | **0.42** | - | <0.02 | <0.1 | **0.09** | **0.18** | **0.05** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 30 Jul 2024 | 0861_QC201_240730 | QLD_0861_WQMP_24 | Interlab_D | 1123593 | <0.1 | <0.1 | **0.40** | <0.1 | **0.18** | <0.1 | <0.1 | <0.5 | <0.01 | **0.22** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| SW008 | 30 Jul 2024 | 0861_SW008_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | **0.10** | **0.07** | **0.48** | <0.02 | **0.43** | - | <0.02 | <0.1 | **0.09** | **0.18** | **0.05** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW008 | 06 Nov 2024 | 0861_SW008_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.14** | **0.13** | **1.1** | **0.06** | **1.8** | <0.01 | <0.01 | **0.18** | **0.18** | **0.38** | **0.08** | **0.12** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW008 | 04 Feb 2025 | 0861_SW008_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | **0.09** | **0.09** | **0.70** | **0.02** | **1.46** | - | <0.02 | <0.1 | **0.11** | **0.24** | **0.04** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW008 | 30 Apr 2025 | 0861_SW008_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.58** | **0.40** | **2.0** | **0.10** | **2.7** | <0.01 | <0.01 | **0.22** | **0.11** | **0.36** | **0.01** | **0.47** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW008 | 01 Aug 2025 | 0861_SW008_250801 | QLD_0861_WQMP_25 | Normal | EB2526631 | <0.02 | <0.02 | **0.05** | <0.02 | **0.09** | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 31 May 2017 | 0861_SW09_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 02 May 2019 | 0861_SW009_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 21 Nov 2019 | 0861_SW009_191121 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | **0.02** | **0.13** | <0.02 | **0.32** | - | <0.02 | <0.1 | **0.02** | **0.07** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 15 Apr 2020 | 0861_SW009_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.07** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.04 | **0.04** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 12 Oct 2020 | 0861_SW009_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.04** | <0.02 | **0.03** | <0.02 | **0.04** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 14 Apr 2021 | 0861_SW009_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 22 Oct 2021 | 0861_SW009_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 29 Mar 2022 | 0861_SW009_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.14** | **0.10** | **0.75** | **0.03** | **1.05** | - | <0.02 | <0.1 | **0.12** | **0.24** | **0.05** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 18 Oct 2022 | 0861_SW009_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.14** | **0.12** | **0.71** | **0.03** | **0.66** | - | <0.02 | <0.1 | **0.12** | **0.36** | **0.06** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 28 Apr 2023 | 0861_SW009_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 25 Oct 2023 | 0861_SW009_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 12 Apr 2024 | 0861_SW009_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW009 | 08 Nov 2024 | 0861_SW009_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW009 | 07 May 2025 | 0861_SW009_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW011 | 06 Aug 2012 | RAAF AMB SW01 | QLD_Hist_202012-3 | Normal | EB1220568 | - | - | - | - | **14.7** | - | - | - | - | - | - | **0.5** | - | - | - | - |
| SW011 | 12 Oct 2012 | 5259_SW01_121012 | QLD_Hist_202012-3 | Normal | EB1226648 | - | - | - | - | **3.12** | - | - | - | - | - | - | **0.2** | - | - | - | - |
| SW011 | 17 Jan 2013 | 5259_SW01_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | **27.9** | - | - | - | - | - | - | **2.53** | - | - | - | - |
| SW011 | 22 Aug 2013 | E0861_SW01_130822 | QLD_Hist_202012-3 | Normal | EB1320352 | - | - | - | - | **17.9** | - | - | - | - | - | - | **0.68** | - | - | - | - |
| SW011 | 28 Feb 2017 | 0861_SW13_170228 | QLD_Hist_202012-3 | Normal | EB1703883 | **0.63** | **0.64** | **5.25** | **0.28** | **8.52** | - | <0.02 | <0.1 | **0.5** | **1.36** | **0.26** | **0.32** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW011 | 13 Sep 2017 | 0861_SW011_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | **1.76** | **1.92** | **13.0** | **0.585** | **23.3** | - | <0.002 | **0.36** | **3.10** | **5.39** | **1.16** | **1.05** | **0.062** | **0.012** | <0.002 | <0.002 |
| SW011 | 15 Sep 2017 | 0861_SW011_170915 | QLD_0861_PFAS | Normal | EB1719132 | **0.19** | **0.16** | **1.18** | **0.04** | **2.01** | - | <0.02 | <0.1 | <0.02 | **0.33** | **0.04** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 06 Oct 2017 | 0861_SW13_17 | QLD_Hist_202012-3 | Normal | EB1720694 | **0.24** | **0.33** | **2.67** | **0.08** | **1.66** | - | <0.02 | <0.1 | <0.02 | **0.64** | **0.15** | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 01 May 2019 | 0861_SW011_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.22** | **0.26** | **2.17** | **0.09** | **2.26** | - | <0.02 | **0.4** | **0.92** | **1.10** | **0.40** | **0.26** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW011 | 31 Mar 2020 | 0861_SW013_200331 | QLD_0861_WQMP | Normal | EB2009056 | **0.26** | **0.26** | **2.58** | **0.17** | **4.26** | - | <0.03 | <0.2 | **0.24** | **0.58** | **0.14** | **0.18** | <0.03 | <0.03 | <0.03 | <0.03 |
| SW011 | 14 Apr 2020 | 0861_SW011_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.03** | **0.02** | **0.25** | <0.02 | **0.40** | - | <0.02 | <0.1 | **0.02** | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 04 Aug 2020 | 0861_SW013_200804 | QLD_0861_WQMP | Normal | EB2020484 | **0.54** | **0.50** | **5.40** | **0.15** | **2.39** | - | <0.03 | <0.2 | **0.25** | **1.25** | **0.09** | **0.17** | <0.03 | <0.03 | <0.03 | <0.03 |
| SW011 | 03 Nov 2020 | 0861_SW011_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.16** | **0.12** | **1.35** | **0.08** | **1.91** | - | <0.02 | <0.3 | **0.35** | **0.43** | **0.12** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 16 Feb 2021 | 0861_SW013_210216 | QLD_0861_WQMP | Normal | EB2104172 | **0.17** | **0.16** | **2.37** | **0.08** | **2.34** | - | <0.02 | **0.1** | **0.11** | **0.40** | **0.05** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 30 Mar 2021 | 0861_SW011_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **0.37** | **0.42** | **4.44** | **0.19** | **5.28** | - | <0.02 | **0.4** | **1.06** | **1.39** | **0.36** | **0.36** | **0.05** | **0.02** | <0.02 | <0.02 |
| SW011 | 12 Aug 2021 | 0861_SW013_210812 | QLD_0861_WQMP | Normal | EB2122672 | **0.12** | **0.15** | **1.20** | **0.05** | **1.03** | - | <0.02 | <0.1 | <0.16 | **0.31** | **0.05** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 26 Oct 2021 | 0861_SW011_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.18** | **0.16** | **1.72** | **0.09** | **2.15** | - | <0.02 | **0.1** | **0.17** | **0.38** | **0.06** | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 14 Feb 2022 | 0861_SW011_220214 | QLD_0861_WQMP_22 | Normal | EB2203906 | **0.17** | **0.22** | **1.74** | **0.10** | **2.56** | - | <0.02 | <0.1 | **0.11** | **0.37** | **0.06** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 28 Mar 2022 | 0861_SW011_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.13** | **0.12** | **0.99** | **0.06** | **1.49** | - | <0.02 | <0.1 | **0.29** | **0.39** | **0.12** | **0.13** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 06 Jun 2022 | 0861_QC100_220606 | QLD_0861_WQMP_22 | Field_D | EB2216009 | **0.14** | **0.13** | **1.09** | **0.04** | **1.48** | - | <0.02 | <0.1 | **0.16** | **0.35** | **0.08** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 06 Jun 2022 | 0861_QC200_220606 | QLD_0861_WQMP_22 | Interlab_D | 895100 | **0.12** | **0.11** | **1.1** | **0.04** | **1.3** | <0.01 | <0.01 | **0.06** | **0.15** | **0.29** | **0.06** | **0.06** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW011 | 06 Jun 2022 | 0861_SW011_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | **0.12** | **0.15** | **1.35** | **0.04** | **1.67** | - | <0.02 | <0.1 | **0.18** | **0.42** | **0.07** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 08 Feb 2023 | 0861_SW011_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **0.33** | **0.30** | **2.33** | **0.12** | **2.66** | - | <0.02 | **0.4** | **1.86** | **1.59** | **0.68** | **0.56** | <0.06 | <0.02 | <0.02 | <0.02 |
| SW011 | 17 Apr 2023 | 0861_SW011_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.28** | **0.31** | **3.15** | **0.16** | **6.57** | - | <0.02 | **0.1** | **0.21** | **0.62** | **0.10** | **0.16** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 11 Aug 2023 | 0861_SW011_230811 | QLD_0861_WQMP_23 | Normal | EB2324799 | **0.36** | **0.38** | **2.79** | **0.15** | **3.48** | - | <0.02 | **0.4** | **1.14** | **1.35** | **0.41** | **0.26** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW011 | 24 Oct 2023 | 0861_SW011_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.06** | **0.05** | **0.50** | **0.03** | **0.89** | - | <0.02 | <0.1 | **0.04** | **0.07** | **0.02** | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 19 Dec 2023 | 0861_SW011_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **0.14** | **0.12** | **1.07** | **0.05** | **2.44** | - | <0.02 | **0.1** | **0.29** | **0.40** | **0.12** | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 09 Apr 2024 | 0861_SW011_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.14** | **0.15** | **1.60** | **0.07** | **2.44** | - | <0.02 | <0.1 | **0.12** | **0.35** | **0.05** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 30 Jul 2024 | 0861_SW011_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | **0.21** | **0.24** | **2.53** | **0.13** | **2.93** | - | <0.02 | **0.1** | **0.23** | **0.53** | **0.10** | **0.16** | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW011 | 31 Oct 2024 | 0861_SW011_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.13** | **0.13** | **1.3** | **0.09** | **1.9** | <0.01 | <0.01 | **0.07** | **0.15** | **0.37** | **0.06** | **0.09** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW011 | 19 Feb 2025 | 0861_SW011_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | **0.08** | **0.09** | **1.24** | **0.08** | **1.73** | <0.02 | <0.02 | <0.1 | **0.12** | **0.30** | **0.06** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW011 | 07 May 2025 | 0861_SW011_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.11** | **0.12** | **0.92** | <0.1 | **0.90** | <0.1 | <0.1 | <0.5 | <0.1 | **0.25** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| SW015 | 05 Jun 2017 | 0861_SW15_170605 | QLD_0861_PFAS | Normal | EB1711471 | <0.02 | <0.02 | **0.03** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 30 Apr 2019 | 0861_SW015_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | **0.02** | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 18 Nov 2019 | 0861_SW015_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 14 Apr 2020 | 0861_SW015_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.03** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 12 Oct 2020 | 0861_SW015_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 12 Apr 2021 | 0861_SW015_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 19 Oct 2021 | 0861_SW015_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.01** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 29 Mar 2022 | 0861_SW015_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.02** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 18 Oct 2022 | 0861_SW015_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 26 Apr 2023 | 0861_SW015_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.01** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 25 Oct 2023 | 0861_SW015_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 09 Apr 2024 | 0861_SW015_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW015 | 07 Nov 2024 | 0861_SW015_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | **0.01** | <0.01 | **0.04** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW015 | 30 Apr 2025 | 0861_SW015_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW016 | 05 Jun 2017 | 0861_SW16_170605 | QLD_0861_PFAS | Normal | EB1711471 | **0.15** | **0.10** | **0.78** | **0.05** | **2.60** | - | <0.02 | <0.1 | <0.02 | **0.17** | **0.02** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 30 Apr 2019 | 0861_SW016_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | **0.03** | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 18 Nov 2019 | 0861_SW016_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 14 Apr 2020 | 0861_SW016_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | <0.02 | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 12 Oct 2020 | 0861_SW016_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.06** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 12 Apr 2021 | 0861_SW016_210412 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 12 Apr 2021 | 0861_QC241_210412 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.01 | <0.01 | **0.017** | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW016 | 12 Apr 2021 | 0861_SW016_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 19 Oct 2021 | 0861_SW016_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 29 Mar 2022 | 0861_SW016_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 18 Oct 2022 | 0861_SW016_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 28 Apr 2023 | 0861_SW016_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 25 Oct 2023 | 0861_SW016_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 09 Apr 2024 | 0861_SW016_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW016 | 06 Nov 2024 | 0861_SW016_241105 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW016 | 30 Apr 2025 | 0861_SW016_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW018 | 01 Jun 2017 | 0861_SW18_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.02 | **0.02** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 30 Apr 2019 | 0861_SW018_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 19 Nov 2019 | 0861_SW018_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | <0.02 | **0.10** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 29 Mar 2020 | 0861_SW002_200403 | QLD_0861_WQMP | Normal | EB2009476 | <0.02 | <0.02 | **0.02** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 14 Apr 2020 | 0861_SW018_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 05 Aug 2020 | 0861_SW002_200805 | QLD_0861_WQMP | Normal | EB2020602 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 12 Oct 2020 | 0861_SW018_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 18 Feb 2021 | 0861_SW002_210218 | QLD_0861_WQMP | Normal | EB2104526 | **0.06** | **0.05** | **0.26** | <0.02 | **0.36** | - | <0.02 | <0.1 | **0.07** | **0.13** | **0.03** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 12 Apr 2021 | 0861_SW018_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 13 Aug 2021 | 0861_SW002_210813 | QLD_0861_WQMP | Normal | EB2122819 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | **0.02** | **0.03** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 19 Oct 2021 | 0861_SW018_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.01** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 16 Feb 2022 | 0861_SW018_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 29 Mar 2022 | 0861_SW018_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.05** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 09 Jun 2022 | 0861_SW018_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW018 | 18 Oct 2022 | 0861_SW018_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 06 Feb 2023 | 0861_SW018_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.02 | <0.02 | <0.02 | <0.02 | <0.03 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 15 Aug 2023 | 0861_SW018_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | <0.02 | <0.02 | **0.02** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 25 Oct 2023 | 0861_SW018_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 21 Dec 2023 | 0861_SW018_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | **0.03** | **0.02** | **0.15** | <0.02 | **0.14** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 09 Apr 2024 | 0861_SW018_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 01 Aug 2024 | 0861_SW018_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | <0.02 | <0.02 | **0.02** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 06 Nov 2024 | 0861_QC101_241106 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | **0.05** | **0.03** | **0.21** | **0.01** | **0.42** | <0.01 | <0.01 | <0.05 | **0.03** | **0.04** | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW018 | 06 Nov 2024 | 0861_QC201_241106 | QLD_0861_PFASOMP_24a | Interlab_D | 366777 | **0.02** | **0.02** | **0.15** | <0.01 | **0.33** | - | <0.02 | <0.02 | <0.02 | **0.03** | <0.01 | **0.01** | <0.01 | <0.02 | <0.02 | <0.05 |
| SW018 | 06 Nov 2024 | 0861_SW018_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.04** | **0.02** | **0.17** | <0.01 | **0.34** | <0.01 | <0.01 | <0.05 | **0.02** | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW018 | 19 Feb 2025 | 0861_SW018_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW018 | 30 Apr 2025 | 0861_SW018_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW020 | 01 Jun 2017 | 0861_SW20_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.02 | **0.03** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 30 Apr 2019 | 0861_SW020_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 19 Nov 2019 | 0861_SW020_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | <0.02 | **0.09** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.02 | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 20 Nov 2019 | 0861_SW020_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.03** | <0.02 | **0.09** | <0.02 | **0.14** | - | <0.02 | <0.1 | <0.02 | **0.05** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 14 Apr 2020 | 0861_SW020_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 12 Oct 2020 | 0861_QC119_201012 | QLD_0861_PFASOMP | Field_D | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 12 Oct 2020 | 0861_QC219_201012 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | <0.01 | <0.01 | **0.018** | <0.01 | **0.034** | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW020 | 12 Oct 2020 | 0861_SW020_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 12 Apr 2021 | 0861_SW020_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 19 Oct 2021 | 0861_SW020_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.01** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 29 Mar 2022 | 0861_SW020_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.04** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 18 Oct 2022 | 0861_QC185_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 18 Oct 2022 | 0861_QC285_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW020 | 18 Oct 2022 | 0861_SW020_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 28 Apr 2023 | 0861_SW020_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.03** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 25 Oct 2023 | 0861_SW020_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 09 Apr 2024 | 0861_QC101_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 09 Apr 2024 | 0861_QC201_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW020 | 09 Apr 2024 | 0861_SW020_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW020 | 06 Nov 2024 | 0861_SW020_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.05** | **0.03** | **0.25** | **0.01** | **0.52** | <0.01 | <0.01 | <0.05 | **0.03** | **0.06** | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW020 | 30 Apr 2025 | 0861_SW020_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW021 | 14 Sep 2017 | 0861_SW021_170914 | QLD_0861_PFAS | Normal | EB1719065 | **0.83** | **0.95** | **6.98** | **0.42** | **17.9** | - | **0.12** | **1.0** | **2.41** | **5.52** | **0.97** | **1.49** | **0.13** | **0.06** | **0.05** | <0.02 |
| SW021 | 20 Apr 2020 | 0861_SW021_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **0.39** | **0.47** | **4.98** | **0.35** | **23.1** | - | **0.58** | <0.3 | **0.44** | **1.02** | **0.23** | **0.75** | **0.11** | <0.06 | <0.06 | <0.06 |
| SW021 | 03 Nov 2020 | 0861_QC135_201103 | QLD_0861_PFASOMP | Field_D | EB2028860 | **1.72** | **2.03** | **16.6** | **1.32** | **38.2** | - | **0.23** | **2.3** | **2.76** | **4.95** | **0.84** | **2.18** | **0.29** | **0.05** | **0.03** | <0.02 |
| SW021 | 03 Nov 2020 | 0861_SW021_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **1.76** | **2.05** | **17.9** | **1.05** | **40.9** | - | <0.10 | **1.7** | **3.19** | **5.27** | **0.96** | **2.35** | **0.27** | <0.10 | <0.10 | <0.10 |
| SW021 | 30 Mar 2021 | 0861_SW021_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **5.85** | **5.28** | **23.0** | **0.73** | **16.4** | - | **0.05** | **2.8** | **5.89** | **18.5** | **2.65** | **3.25** | **0.08** | **0.02** | <0.02 | <0.02 |
| SW021 | 21 Oct 2021 | 0861_SW021_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | **1.01** | **0.74** | **5.20** | **0.26** | **9.50** | - | **0.31** | **0.7** | **1.40** | **2.77** | **0.41** | **0.80** | **0.05** | <0.02 | <0.02 | <0.02 |
| SW021 | 31 Mar 2022 | 0861_SW021_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | **1.35** | **1.35** | **8.60** | **0.37** | **13.3** | - | <0.05 | **0.7** | **1.74** | **4.58** | **0.74** | **1.60** | **0.05** | <0.02 | <0.02 | <0.02 |
| SW021 | 21 Oct 2022 | 0861_SW021_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **1.08** | **1.39** | **9.98** | **0.56** | **14.6** | - | **0.08** | **0.9** | **1.78** | **4.66** | **0.67** | **1.94** | **0.10** | <0.02 | <0.02 | <0.02 |
| SW021 | 26 Apr 2023 | 0861_SW021_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **1.96** | **1.74** | **8.68** | **0.38** | **12.0** | - | <0.02 | **1.4** | **1.87** | **3.07** | **0.49** | **0.82** | **0.09** | <0.02 | <0.02 | <0.02 |
| SW021 | 29 Nov 2023 | 0861_SW021_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **0.73** | **0.49** | **2.74** | **0.13** | **5.52** | - | <0.04 | **0.3** | **0.79** | **1.01** | **0.19** | **0.42** | **0.05** | <0.02 | <0.02 | <0.02 |
| SW021 | 10 Apr 2024 | 0861_SW021_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.22** | **0.24** | **2.02** | **0.10** | **6.06** | - | <0.02 | **0.2** | **0.28** | **0.58** | **0.11** | **0.28** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW021 | 01 Nov 2024 | 0861_SW021_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.19** | **0.19** | **2.3** | **0.11** | **6.4** | **0.02** | **0.02** | **0.26** | **0.28** | **0.49** | **0.09** | **0.23** | **0.03** | <0.01 | <0.01 | <0.01 |
| SW021 | 28 Apr 2025 | 0861_SW021_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **1.1** | **1.1** | **5.7** | **0.16** | **7.1** | **0.03** | **0.01** | **0.63** | **0.76** | **1.8** | **0.29** | **0.53** | **0.04** | <0.01 | <0.01 | <0.01 |
| SW022 | 31 May 2017 | 0861_SW22_170531 | QLD_0861_PFAS | Normal | EB1711233 | **0.23** | **0.23** | **1.66** | **0.11** | **4.38** | - | <0.02 | <0.1 | **0.21** | **0.48** | **0.08** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW022 | 30 Apr 2025 | 0861_QC104_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | **0.09** | **0.08** | **0.89** | **0.04** | **2.4** | <0.01 | <0.01 | <0.05 | **0.08** | **0.23** | **0.04** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW022 | 30 Apr 2025 | 0861_QC204_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | **0.092** | **0.10** | **0.91** | **0.039** | **2.3** | - | <0.020 | <0.040 | **0.058** | **0.25** | **0.033** | **0.062** | <0.010 | <0.020 | <0.020 | <0.050 |
| SW022 | 30 Apr 2025 | 0861_SW022_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.08** | **0.07** | **0.66** | **0.03** | **2.3** | <0.01 | <0.01 | <0.05 | **0.03** | **0.18** | **0.03** | **0.04** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW023 | 31 May 2017 | 0861_SW23_170531 | QLD_0861_PFAS | Normal | EB1711233 | **0.26** | **0.26** | **2.30** | **0.13** | **4.81** | - | <0.02 | <0.1 | **0.09** | **0.34** | **0.05** | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW023 | 30 Apr 2025 | 0861_SW023_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.19** | **0.20** | **2.3** | **0.09** | **3.7** | **0.01** | <0.01 | **0.06** | **0.06** | **0.25** | **0.03** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 01 Jun 2017 | 0861_SW25_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 07 May 2019 | 0861_SW025_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 19 Nov 2019 | 0861_QC101_191119 | QLD_0861_PFAS | Field_D | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 19 Nov 2019 | 0861_SW025_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 20 Nov 2019 | 0861_QC201_191119 | QLD_0861_PFAS | Interlab_D | 231783 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW025 | 29 Nov 2019 | 0861_SW25_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 15 Apr 2020 | 0861_QC102_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 15 Apr 2020 | 0861_SW025_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 14 Oct 2020 | 0861_SW025_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.20 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 21 Apr 2021 | 0861_QC151_210421 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 21 Apr 2021 | 0861_QC251_210421 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 21 Apr 2021 | 0861_SW025_210421 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 22 Oct 2021 | 0861_SW025_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 28 Mar 2022 | 0861_SW025_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 20 Oct 2022 | 0861_SW025_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 26 Apr 2023 | 0861_SW025_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 26 Oct 2023 | 0861_SW025_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.2 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 12 Apr 2024 | 0861_QC105_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 12 Apr 2024 | 0861_QC205_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 12 Apr 2024 | 0861_SW025_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW025 | 12 Nov 2024 | 0861_QC102_241112 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 12 Nov 2024 | 0861_QC202_241112 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW025 | 12 Nov 2024 | 0861_SW025_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW025 | 01 May 2025 | 0861_SW025_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW026 | 02 Jun 2017 | 0861_SW26_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.02 | **0.10** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 07 May 2019 | 0861_SW026_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | **0.05** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 27 Nov 2019 | 0861_QC101_191127 | QLD_0861_PFAS | Field_D | EB1932183 | **0.02** | <0.02 | **0.06** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 27 Nov 2019 | 0861_QC201_191127 | QLD_0861_PFAS | Interlab_D | 232094 | <0.01 | <0.01 | **0.07** | <0.01 | **0.13** | - | <0.02 | <0.02 | <0.02 | **0.02** | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW026 | 27 Nov 2019 | 0861_SW026_191127 | QLD_0861_PFAS | Normal | EB1932183 | **0.02** | <0.02 | **0.06** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 21 Apr 2020 | 0861_SW026_200421 | QLD_0861_PFASOMP | Normal | EB2011255 | <0.02 | <0.02 | **0.09** | <0.02 | **0.14** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 15 Oct 2020 | 0861_SW026_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.02 | **0.04** | <0.02 | **0.07** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 16 Apr 2021 | 0861_SW026_210416 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 20 Oct 2021 | 0861_SW026_211020 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 01 Apr 2022 | 0861_SW026_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 20 Oct 2022 | 0861_SW026_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.03** | **0.03** | **0.23** | <0.02 | **0.35** | - | <0.02 | <0.1 | <0.02 | **0.06** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 19 Apr 2023 | 0861_SW026_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.02 | **0.04** | <0.02 | **0.09** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 24 Oct 2023 | 0861_SW026_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | **0.07** | <0.02 | **0.22** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 11 Apr 2024 | 0861_QC103_240411 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW026 | 11 Apr 2024 | 0861_QC203_240411 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW026 | 11 Apr 2024 | 0861_SW026_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW026 | 08 Nov 2024 | 0861_SW026_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.03** | **0.02** | **0.14** | <0.01 | **0.26** | <0.01 | <0.01 | <0.05 | **0.02** | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW026 | 29 Apr 2025 | 0861_SW026_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW027 | 30 Mar 2021 | 0861_SW027_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **0.26** | **0.29** | **2.18** | **0.08** | **1.21** | - | <0.02 | **0.2** | **0.38** | **0.64** | **0.16** | **0.17** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 26 Oct 2021 | 0861_SW027_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.06** | **0.06** | **0.44** | **0.02** | **0.55** | - | <0.02 | <0.1 | **0.10** | **0.15** | **0.05** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 28 Mar 2022 | 0861_SW027_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **1.87** | **2.32** | **21.5** | **1.11** | **14.0** | - | <0.02 | **0.4** | **0.95** | **4.98** | **0.48** | **1.22** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 21 Oct 2022 | 0861_SW027_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | **0.08** | <0.02 | **0.16** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 17 Apr 2023 | 0861_SW027_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.03** | **0.03** | **0.26** | <0.02 | **0.77** | - | <0.02 | <0.1 | **0.02** | **0.07** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 29 Nov 2023 | 0861_SW027_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **0.07** | **0.07** | **0.63** | **0.03** | **0.89** | - | <0.02 | <0.1 | **0.05** | **0.11** | **0.03** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 09 Apr 2024 | 0861_SW027_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.17** | **0.20** | **1.92** | **0.10** | **4.88** | - | <0.02 | <0.1 | **0.12** | **0.34** | **0.07** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW027 | 28 Oct 2024 | 0861_SW027_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.02** | **0.02** | **0.15** | <0.01 | **0.34** | <0.01 | <0.01 | <0.05 | **0.03** | **0.08** | **0.02** | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW027 | 06 May 2025 | 0861_SW027_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.15** | **0.20** | **1.7** | **0.07** | **3.6** | <0.01 | <0.01 | <0.05 | **0.07** | **0.36** | **0.04** | **0.08** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 01 Jun 2017 | 0861_SW28_170601 | QLD_0861_PFAS | Normal | EB1711387 | **0.02** | <0.02 | **0.13** | <0.02 | **0.32** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 02 May 2019 | 0861_SW028_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | **0.12** | <0.02 | **0.18** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 14 Apr 2020 | 0861_QC100_200414 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | **0.14** | **0.06** | **0.64** | **0.02** | **0.75** | - | <0.02 | <0.10 | **0.03** | **0.05** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | **0.11** | **0.061** | **0.61** | **0.011** | **0.63** | <0.01 | <0.01 | **0.061** | **0.027** | **0.055** | <0.01 | **0.018** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | **0.11** | **0.061** | **0.61** | **0.011** | **0.63** | <0.01 | <0.01 | **0.061** | **0.027** | **0.055** | <0.01 | **0.018** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 14 Apr 2020 | 0861_SW028_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.12** | **0.06** | **0.81** | **0.02** | **0.76** | - | <0.02 | <0.10 | <0.02 | **0.14** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 03 Nov 2020 | 0861_SW028_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.07** | **0.03** | **0.29** | <0.02 | **0.44** | - | <0.02 | <0.2 | <0.02 | **0.05** | <0.02 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 12 Apr 2021 | 0861_SW028_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.07** | **0.04** | **0.31** | <0.02 | **0.45** | - | <0.02 | <0.1 | **0.03** | **0.04** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 19 Oct 2021 | 0861_QC153_211019 | QLD_0861_PFASOMP | Field_D | EB2130835 | **0.05** | **0.02** | **0.25** | <0.02 | **0.57** | - | <0.02 | <0.1 | **0.02** | **0.04** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 19 Oct 2021 | 0861_QC253_211019 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | **0.048** | **0.028** | **0.24** | <0.01 | **0.55** | <0.01 | <0.01 | **0.052** | **0.022** | **0.033** | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 19 Oct 2021 | 0861_SW028_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.06** | **0.02** | **0.27** | <0.02 | **0.71** | - | <0.02 | <0.1 | **0.02** | **0.04** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 29 Mar 2022 | 0861_SW028_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.04** | <0.02 | **0.08** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 09 May 2023 | 0861_SW028_230509 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | **0.03** | <0.02 | **0.13** | <0.02 | **0.30** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 10 Aug 2023 | 0861_SW028_230810 | QLD_0861_Stage2_23 | Normal | 1018693 | **0.14** | **0.07** | **0.45** | **0.01** | **0.36** | <0.01 | <0.01 | <0.05 | **0.03** | **0.06** | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 25 Oct 2023 | 0861_SW028_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.81** | **0.33** | **1.28** | **0.03** | **0.94** | - | <0.02 | <0.1 | **0.06** | **0.20** | <0.03 | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 09 Apr 2024 | 0861_QC100_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.02 | **0.02** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 09 Apr 2024 | 0861_QC200_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 09 Apr 2024 | 0861_SW028_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW028 | 07 Nov 2024 | 0861_QC105_241107 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | **0.06** | **0.03** | **0.22** | <0.01 | **0.42** | <0.01 | <0.01 | <0.05 | **0.04** | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 07 Nov 2024 | 0861_SW028_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.06** | **0.03** | **0.25** | **0.01** | **0.47** | <0.01 | <0.01 | <0.05 | **0.04** | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW028 | 30 Apr 2025 | 0861_SW028_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | **0.03** | <0.01 | **0.04** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW030 | 29 Apr 2019 | 0861_SW030_1904029 | QLD_0861_PFAS | Normal | EB1911387 | **0.21** | **0.21** | **2.01** | **0.08** | **1.44** | - | <0.02 | **0.1** | **0.48** | **0.63** | **0.18** | **0.14** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 03 Nov 2020 | 0861_SW030_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.09** | **0.07** | **0.66** | **0.02** | **0.61** | - | <0.02 | **0.2** | **0.16** | **0.20** | **0.04** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 30 Mar 2021 | 0861_SW030_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **0.47** | **0.52** | **5.18** | **0.23** | **4.46** | - | <0.02 | **0.4** | **1.17** | **1.67** | **0.38** | **0.36** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW030 | 26 Oct 2021 | 0861_SW030_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **1.18** | **0.81** | **6.06** | **0.34** | **7.68** | - | <0.02 | **0.77** | **1.69** | **2.91** | **0.50** | **0.59** | **0.04** | **0.02** | <0.02 | **0.04** |
| SW030 | 28 Mar 2022 | 0861_SW030_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.18** | **0.14** | **1.00** | **0.06** | **2.29** | - | <0.02 | <0.1 | **0.12** | **0.29** | **0.06** | **0.09** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 21 Oct 2022 | 0861_SW030_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.51** | **0.59** | **4.74** | **0.32** | **5.00** | - | <0.02 | **0.2** | **0.44** | **1.27** | **0.24** | **0.30** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 17 Apr 2023 | 0861_SW030_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.16** | **0.16** | **1.35** | **0.09** | **2.52** | - | <0.02 | **0.1** | **0.31** | **0.43** | **0.11** | **0.13** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW030 | 24 Oct 2023 | 0861_SW030_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.12** | **0.09** | **0.64** | **0.04** | **2.31** | - | <0.02 | **0.1** | **0.20** | **0.18** | **0.09** | **0.09** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 09 Apr 2024 | 0861_SW030_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.25** | **0.24** | **2.26** | **0.11** | **3.26** | - | <0.02 | **0.1** | **0.31** | **0.54** | **0.11** | **0.14** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW030 | 07 May 2025 | 0861_QC111_250507 | QLD_0861_PFASOMP_25 | Field_D | 1217988 | **0.12** | **0.10** | **1.1** | **0.04** | **1.6** | <0.01 | <0.01 | **0.09** | **0.21** | **0.28** | **0.07** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW030 | 07 May 2025 | 0861_QC211_250507 | QLD_0861_PFASOMP_25 | Interlab_D | 380690 | **0.10** | **0.12** | **1.2** | **0.08** | **2.2** | - | <0.02 | **0.1** | **0.27** | **0.31** | **0.09** | **0.09** | **0.01** | <0.02 | <0.02 | <0.05 |
| SW030 | 07 May 2025 | 0861_SW030_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.10** | **0.09** | **1.1** | **0.05** | **1.9** | <0.01 | <0.01 | **0.09** | **0.20** | **0.29** | **0.07** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW032 | 02 Aug 2012 | RAAF AMB SW15 2/8/12 | QLD_Hist_202012-3 | Normal | EB1220352 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW032 | 10 Oct 2012 | 5259_SW15_121010 | QLD_Hist_202012-3 | Normal | EB1226543 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - | - | - | - |
| SW032 | 20 Aug 2013 | E0861_SW15_130820 | QLD_Hist_202012-3 | Normal | EB1320096 | - | - | - | - | <0.02 | - | - | - | - | - | - | <0.02 | - | - | - | - |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW032 | 02 Mar 2017 | 0861_SW32_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | **1.64** | **0.74** | **4.82** | **0.23** | **6.56** | - | <0.02 | <0.1 | **0.37** | **0.75** | **0.09** | **0.42** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 16 Oct 2017 | 0861_sW32_171016 | QLD_Hist_202012-3 | Normal | EB1721395 | **0.46** | **0.34** | **1.62** | **0.06** | **1.68** | - | <0.02 | <0.1 | <0.02 | **0.26** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 03 Apr 2020 | 0861_SW032_200403 | QLD_0861_WQMP | Normal | EB2009476 | **0.68** | **0.37** | **2.37** | **0.11** | **2.21** | - | <0.02 | <0.2 | <0.14 | **0.41** | **0.02** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 18 Feb 2021 | 0861_SW032_210218 | QLD_0861_WQMP | Normal | EB2104526 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 13 Aug 2021 | 0861_SW032_210813 | QLD_0861_WQMP | Normal | EB2122819 | **0.03** | **0.02** | **0.11** | <0.02 | **0.24** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 16 Feb 2022 | 0861_SW032_220216 | QLD_0861_WQMP_22 | Normal | EB2204253 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 09 Jun 2022 | 0861_SW032_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 07 Feb 2023 | 0861_SW032_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.04 | <0.02 | **0.12** | <0.02 | **0.34** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 18 Aug 2023 | 0861_SW032_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | <0.02 | <0.02 | **0.01** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 21 Dec 2023 | 0861_SW032_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | <0.02 | <0.02 | **0.03** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 01 Aug 2024 | 0861_SW032_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | **0.14** | **0.11** | **0.65** | **0.03** | **0.46** | - | <0.02 | <0.1 | **0.05** | **0.10** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 19 Feb 2025 | 0861_SW032_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | <0.02 | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW032 | 30 Apr 2025 | 0861_SW032_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW033 | 14 Sep 2017 | 0861_SW033_170914 | QLD_0861_PFAS | Normal | EB1719065 | **0.35** | **0.33** | **1.92** | **0.17** | **9.54** | - | **0.13** | **0.6** | **1.34** | **3.24** | **0.47** | **0.75** | **0.05** | **0.04** | **0.06** | **0.03** |
| SW033 | 03 May 2019 | 0861_SW033_190503 | QLD_0861_PFAS | Normal | EB1911387 | **0.62** | **0.67** | **4.53** | **0.26** | **9.23** | - | <0.02 | **1.0** | **2.01** | **4.27** | **0.84** | **1.38** | **0.18** | **0.10** | **0.04** | <0.02 |
| SW033 | 27 Apr 2020 | 0861_SW033_200427 | QLD_0861_PFASOMP | Normal | EB2011562 | **0.07** | **0.12** | **1.01** | **0.08** | **3.50** | - | **0.04** | <0.1 | **0.14** | **0.38** | **0.08** | **0.20** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW033 | 15 Apr 2021 | 0861_SW033_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | **6.82** | **8.00** | **44.2** | **1.52** | **63.8** | - | **0.66** | **3.2** | **6.11** | **23.3** | **3.35** | **7.70** | **0.16** | <0.05 | <0.05 | <0.05 |
| SW033 | 26 Oct 2021 | 0861_SW033_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **2.54** | **2.94** | **22.1** | **0.89** | **78.6** | - | **0.47** | **1.96** | **3.05** | **8.49** | **0.94** | **2.70** | **0.08** | **0.02** | <0.02 | <0.02 |
| SW033 | 05 Apr 2022 | 0861_SW033_220405 | QLD_0861_PFASOMP | Normal | EB2209950 | **3.38** | **4.96** | **28.6** | **0.87** | **31.4** | - | **0.67** | <1.7 | **3.17** | **12.5** | **1.88** | **4.52** | **0.08** | <0.05 | <0.05 | <0.05 |
| SW033 | 25 Oct 2022 | 0861_QC195_221025 | QLD_0861_PFASOMP | Field_D | EB2231825 | **0.63** | **0.81** | **5.61** | **0.30** | **17.5** | - | **0.27** | **0.7** | **0.89** | **2.65** | **0.38** | **0.93** | **0.04** | <0.02 | <0.02 | <0.02 |
| SW033 | 25 Oct 2022 | 0861_QC295_221025 | QLD_0861_PFASOMP | Interlab_D | RN1371573 | **0.46** | **0.53** | **3.4** | **0.16** | **10** | **0.043** | **0.032** | **0.47** | **0.63** | **1.4** | **0.2** | **0.5** | **0.02** | <0.01 | <0.01 | <0.01 |
| SW033 | 25 Oct 2022 | 0861_SW033_221025 | QLD_0861_PFASOMP | Normal | EB2231825 | **0.60** | **0.74** | **5.27** | **0.27** | **17.1** | - | **0.26** | **0.7** | **0.85** | **2.58** | **0.37** | **0.88** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW033 | 29 Nov 2023 | 0861_SW033_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **1.54** | **0.99** | **4.90** | **0.17** | **8.13** | - | <0.06 | **0.6** | **1.23** | **1.90** | **0.25** | **0.63** | <0.04 | <0.02 | <0.02 | <0.02 |
| SW033 | 02 May 2025 | 0861_SW033_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **2.6** | **3.4** | **22** | **0.75** | **38** | <0.1 | **0.26** | **2.2** | **2.5** | **7.0** | **1.2** | **3.4** | **0.13** | **0.03** | **0.01** | <0.01 |
| SW034 | 01 Jun 2017 | 0861_SW34_170601 | QLD_0861_PFAS | Normal | EB1711387 | **0.83** | **0.87** | **5.91** | **0.24** | **6.08** | - | <0.02 | <0.1 | **0.48** | **1.02** | **0.10** | **0.15** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 30 Apr 2019 | 0861_SW034_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 19 Nov 2019 | 0861_SW034_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | <0.02 | **0.11** | <0.02 | **0.14** | - | <0.02 | <0.1 | <0.02 | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 14 Apr 2020 | 0861_SW034_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.02** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 12 Oct 2020 | 0861_SW034_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 12 Apr 2021 | 0861_SW034_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 19 Oct 2021 | 0861_SW034_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 29 Mar 2022 | 0861_SW034_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | **0.05** | <0.02 | **0.08** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 18 Oct 2022 | 0861_SW034_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.02** | **0.02** | **0.20** | <0.02 | **0.30** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 28 Apr 2023 | 0861_SW034_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 25 Oct 2023 | 0861_SW034_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 09 Apr 2024 | 0861_SW034_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW034 | 06 Nov 2024 | 0861_SW034_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.03** | **0.02** | **0.14** | <0.01 | **0.27** | <0.01 | <0.01 | <0.05 | **0.01** | **0.04** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW034 | 30 Apr 2025 | 0861_SW034_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW036 | 30 May 2017 | 0861_SW36_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.038** | **0.024** | **0.111** | **0.007** | **0.119** | - | <0.002 | <0.01 | **0.013** | **0.039** | **0.008** | **0.010** | <0.002 | <0.002 | <0.002 | <0.002 |
| SW036 | 18 Jan 2018 | 0861_SW036_180119 | QLD_0861_PFAS | Normal | EB1802500 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 01 May 2019 | 0861_SW036_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 15 Apr 2020 | 0861_SW036_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.02** | <0.02 | **0.19** | <0.02 | **0.15** | - | <0.02 | <0.10 | <0.02 | **0.08** | **0.02** | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 14 Oct 2020 | 0861_SW036_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | **0.03** | <0.02 | **0.08** | - | <0.02 | <0.10 | **0.05** | **0.03** | **0.03** | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 14 Apr 2021 | 0861_QC142_210414 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 14 Apr 2021 | 0861_QC242_210414 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW036 | 14 Apr 2021 | 0861_SW036_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 20 Oct 2021 | 0861_QC155_211020 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW036 | 20 Oct 2021 | 0861_QC255_211020 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW036 | 20 Oct 2021 | 0861_SW036_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 01 Apr 2022 | 0861_QC178_220401 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 01 Apr 2022 | 0861_QC278_220401 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW036 | 01 Apr 2022 | 0861_SW036_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 19 Oct 2022 | 0861_SW036_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 22 May 2023 | 0861_SW036_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 24 Oct 2023 | 0861_SW036_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.04** | <0.02 | **0.06** | - | <0.02 | **0.1** | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 11 Apr 2024 | 0861_SW036_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW036 | 08 Nov 2024 | 0861_SW036_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.02** | **0.01** | **0.09** | <0.01 | **0.14** | <0.01 | <0.01 | <0.05 | **0.02** | **0.04** | **0.02** | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW036 | 01 May 2025 | 0861_SW036_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW037 | 13 Sep 2017 | 0861_QC101_170913 | QLD_0861_PFAS | Field_D | EB1719017 | **7.05** | **5.82** | **31.8** | **1.96** | **31.6** | - | <0.002 | **0.56** | **3.58** | **14.7** | **2.70** | **4.19** | **0.085** | **0.018** | **0.004** | <0.002 |
| SW037 | 13 Sep 2017 | 0861_QC201_170914 | QLD_0861_PFAS | Interlab_D | 175963 | **8.9** | **7.7** | **31** | **2.0** | **40** | - | **0.006** | **2.2** | **1.9** | **13** | **1.7** | **3.6** | **0.065** | **0.027** | **0.003** | <0.005 |
| SW037 | 13 Sep 2017 | 0861_SW037_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | **7.34** | **6.14** | **30.1** | **2.12** | **29.7** | - | <0.002 | **0.58** | **3.83** | **13.6** | **2.81** | **4.29** | **0.087** | **0.023** | **0.006** | <0.002 |
| SW037 | 01 May 2019 | 0861_QC101_190501 | QLD_0861_PFAS | Field_D | EB1911387 | **0.34** | **0.31** | **2.06** | **0.08** | **1.64** | - | <0.02 | **0.2** | **0.46** | **0.76** | **0.18** | **0.19** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 01 May 2019 | 0861_QC201_190501 | QLD_0861_PFAS | Interlab_D | 217104 | **0.38** | **0.35** | **1.8** | **0.12** | **2.2** | - | <0.02 | **0.29** | **0.51** | **0.69** | **0.24** | **0.25** | **0.01** | <0.02 | <0.02 | <0.05 |
| SW037 | 01 May 2019 | 0861_SW037_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.32** | **0.31** | **2.03** | **0.07** | **1.53** | - | <0.02 | **0.2** | **0.45** | **0.76** | **0.19** | **0.19** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 19 Nov 2019 | 0861_SW037_191119 | QLD_0861_PFAS | Normal | EB1931427 | **3.65** | **3.15** | **17.8** | **0.89** | **15.4** | - | <0.02 | **1.3** | **2.64** | **8.00** | **1.51** | **2.66** | **0.07** | <0.02 | <0.02 | <0.02 |
| SW037 | 15 Apr 2020 | 0861_SW037_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **3.03** | **3.54** | **12.2** | **0.41** | **8.27** | - | <0.10 | **1.60** | **3.23** | **9.39** | **1.40** | **1.48** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW037 | 14 Oct 2020 | 0861_SW037_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **5.81** | **4.41** | **24.4** | **1.06** | **12.2** | - | <0.10 | **3.32** | **3.74** | **11.7** | **2.35** | **4.03** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW037 | 30 Mar 2021 | 0861_QC139_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | **0.96** | **0.89** | **4.96** | **0.20** | **3.56** | - | <0.10 | <0.5 | **1.32** | **2.03** | **0.39** | **0.56** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW037 | 30 Mar 2021 | 0861_QC239_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | **0.83** | **0.66** | **3.1** | **0.09** | **1.3** | <0.01 | <0.01 | **0.47** | **1.1** | **1.7** | **0.36** | **0.42** | **0.018** | <0.01 | <0.01 | <0.01 |
| SW037 | 30 Mar 2021 | 0861_SW037_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **0.93** | **0.83** | **5.23** | **0.20** | **4.34** | - | <0.10 | <0.5 | **1.36** | **2.00** | **0.42** | **0.58** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW037 | 26 Oct 2021 | 0861_SW037_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.60** | **0.40** | **2.49** | **0.13** | **2.53** | - | <0.02 | **0.28** | **0.62** | **1.17** | **0.18** | **0.22** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW037 | 30 Mar 2022 | 0861_SW037_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.28** | **0.23** | **1.53** | **0.08** | **1.49** | - | <0.02 | <0.1 | **0.18** | **0.38** | **0.07** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 21 Oct 2022 | 0861_SW037_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.22** | **0.22** | **1.55** | **0.10** | **1.82** | - | <0.02 | <0.1 | **0.14** | **0.43** | **0.06** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 18 Apr 2023 | 0861_SW037_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.54** | **0.52** | **2.57** | **0.13** | **1.73** | - | <0.02 | <0.1 | **0.24** | **0.69** | **0.13** | **0.15** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 27 Oct 2023 | 0861_SW037_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **2.68** | **1.93** | **7.54** | **0.29** | **4.19** | - | <0.02 | **0.5** | **1.15** | **3.24** | **1.04** | **1.43** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW037 | 10 Apr 2024 | 0861_SW037_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.38** | **0.34** | **2.09** | **0.09** | **2.42** | - | <0.02 | **0.2** | **0.38** | **0.70** | **0.13** | **0.15** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW037 | 31 Oct 2024 | 0861_SW037_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.37** | **0.28** | **2.0** | **0.09** | **2.0** | <0.01 | <0.01 | **0.12** | **0.22** | **0.55** | **0.08** | **0.10** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW037 | 01 May 2025 | 0861_SW037_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.44** | **0.45** | **3.2** | **0.11** | **1.4** | <0.01 | <0.01 | **0.21** | **0.30** | **1.0** | **0.14** | **0.22** | **0.01** | <0.01 | <0.01 | <0.01 |
| SW038 | 17 Oct 2017 | 0861_SW038_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.008** | **0.005** | **0.046** | <0.002 | **0.037** | - | <0.002 | <0.01 | **0.010** | **0.014** | **0.004** | **0.006** | <0.002 | <0.002 | <0.002 | <0.002 |
| SW038 | 13 May 2019 | 0861_SW038_190513 | QLD_0861_PFAS | Normal | EB1912390 | <0.02 | <0.02 | <0.02 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 29 Nov 2019 | 0861_SW038_191126 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | **0.03** | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | **0.04** | **0.02** | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 14 Apr 2020 | 0861_SW038_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.05** | **0.06** | **0.35** | <0.02 | **0.62** | - | <0.02 | <0.1 | <0.16 | **0.17** | **0.04** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 03 Nov 2020 | 0861_SW038_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.03** | **0.02** | **0.23** | <0.02 | **0.59** | - | <0.02 | <0.2 | **0.19** | **0.21** | **0.09** | **0.05** | <0.02 | **0.05** | **0.10** | **0.06** |
| SW038 | 30 Mar 2021 | 0861_QC137_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | <0.02 | <0.02 | **0.03** | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 30 Mar 2021 | 0861_QC237_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | <0.01 | <0.01 | **0.019** | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | **0.01** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW038 | 30 Mar 2021 | 0861_SW038_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 25 Oct 2021 | 0861_SW038_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 30 Mar 2022 | 0861_SW038_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 24 Oct 2022 | 0861_SW038_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.02 | **0.04** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 29 Nov 2023 | 0861_SW038_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW038 | 06 Nov 2024 | 0861_SW038_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.11** | **0.07** | **0.58** | **0.04** | **0.98** | <0.01 | <0.01 | **0.09** | **0.16** | **0.20** | **0.05** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW039 | 30 May 2017 | 0861_SW39_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.002 | <0.002 | <0.002 | **0.004** | - | <0.002 | <0.01 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 |
| SW039 | 19 Nov 2019 | 0861_SW039_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 29 Nov 2019 | 0861_SW39_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW039 | 15 Apr 2020 | 0861_SW039_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 14 Oct 2020 | 0861_SW039_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.45 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 30 Mar 2021 | 0861_SW039_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 22 Oct 2021 | 0861_QC159_211022 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 22 Oct 2021 | 0861_QC259_211022 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW039 | 22 Oct 2021 | 0861_SW039_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 28 Mar 2022 | 0861_QC169_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 28 Mar 2022 | 0861_QC269_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW039 | 28 Mar 2022 | 0861_SW039_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 20 Oct 2022 | 0861_SW039_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 26 Apr 2023 | 0861_SW039_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 26 Oct 2023 | 0861_SW039_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 12 Apr 2024 | 0861_SW039_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW039 | 12 Nov 2024 | 0861_SW039_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW039 | 01 May 2025 | 0861_SW039_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW040 | 02 Jun 2017 | 0861_SW40_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.02 | **0.11** | <0.02 | **0.09** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 06 May 2019 | 0861_SW040_190506 | QLD_0861_PFAS | Normal | EB1911952 | **0.04** | **0.04** | **0.29** | <0.02 | **0.30** | - | <0.02 | <0.1 | **0.04** | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 20 Nov 2019 | 0861_SW040_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | **0.04** | **0.30** | <0.02 | **0.34** | - | <0.02 | <0.1 | <0.02 | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 15 Apr 2020 | 0861_SW040_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.02 | **0.07** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.04 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 15 Oct 2020 | 0861_SW040_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.03** | **0.03** | **0.21** | <0.02 | **0.27** | - | <0.02 | <0.15 | **0.04** | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 15 Apr 2021 | 0861_SW040_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 19 Oct 2021 | 0861_SW040_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | **0.05** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 28 Mar 2022 | 0861_SW040_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | **0.03** | **0.03** | **0.19** | <0.02 | **0.16** | - | <0.02 | <0.1 | <0.02 | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 20 Oct 2022 | 0861_SW040_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.02 | **0.14** | <0.02 | **0.21** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 18 Apr 2023 | 0861_SW040_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.02 | **0.05** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 26 Oct 2023 | 0861_SW040_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | **0.11** | <0.02 | **0.15** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 12 Apr 2024 | 0861_SW040_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW040 | 12 Nov 2024 | 0861_SW040_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | **0.02** | **0.01** | **0.07** | <0.01 | **0.14** | <0.01 | <0.01 | <0.05 | **0.01** | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW040 | 01 May 2025 | 0861_SW040_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | **0.25** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW041 | 17 Oct 2017 | 0861_QC108_171020 | QLD_0861_PFAS | Field_D | EB1721894 | **0.768** | **0.498** | **4.51** | **0.315** | **7.10** | - | **0.013** | **0.10** | **0.434** | **1.21** | **0.240** | **0.304** | **0.031** | **0.011** | <0.002 | <0.002 |
| SW041 | 17 Oct 2017 | 0861_SW041_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.799** | **0.573** | **4.54** | **0.279** | **6.20** | - | **0.012** | **0.13** | **0.459** | **1.30** | **0.221** | **0.266** | **0.026** | **0.009** | <0.002 | <0.002 |
| SW041 | 20 Oct 2017 | 0861_QC208_171020 | QLD_0861_PFAS | Interlab_D | 178423 | **0.49** | **0.44** | **3.3** | **0.15** | **5.2** | - | <0.02 | **0.23** | **0.42** | **1.0** | **0.15** | **0.24** | **0.02** | <0.02 | <0.02 | <0.05 |
| SW041 | 20 Oct 2017 | 0861-QC208-171020 | QLD_0861_PFAS | Interlab_D | 178596 | **0.58** | **0.59** | **3.6** | **0.16** | **7.4** | - | **0.003** | **0.25** | **0.49** | **1.2** | **0.18** | **0.30** | **0.020** | **0.01** | **0.004** | <0.005 |
| SW041 | 08 May 2019 | 0861_QC102_190508 | QLD_0861_PFAS | Field_D | EB1911952 | **1.76** | **1.67** | **12.0** | **0.61** | **8.46** | - | <0.02 | **0.1** | **0.68** | **3.03** | **0.42** | **0.66** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 08 May 2019 | 0861_SW041_190508 | QLD_0861_PFAS | Normal | EB1911952 | **1.73** | **1.70** | **12.8** | **0.58** | **9.18** | - | <0.02 | **0.3** | **0.66** | **2.80** | **0.39** | **0.66** | **0.03** | **0.02** | <0.02 | <0.02 |
| SW041 | 19 Nov 2019 | 0861_SW041_191119 | QLD_0861_PFAS | Normal | EB1931427 | **2.66** | **2.57** | **18.2** | **1.01** | **11.9** | - | <0.02 | **0.6** | **0.98** | **4.04** | **0.65** | **1.01** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW041 | 15 Apr 2020 | 0861_SW041_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **3.97** | **5.63** | **30.4** | **1.32** | **17.8** | - | <0.10 | **0.85** | **1.57** | **7.76** | **0.93** | **1.30** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW041 | 06 Aug 2020 | 0861_SW001_200806 | QLD_0861_WQMP | Normal | EB2020759 | **1.76** | **1.81** | **13.5** | **0.73** | **9.06** | - | <0.07 | <0.4 | **0.75** | **2.86** | **0.43** | **0.64** | <0.07 | <0.07 | <0.07 | <0.07 |
| SW041 | 15 Oct 2020 | 0861_SW041_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **3.74** | **3.35** | **24.4** | **1.22** | **13.4** | - | <0.10 | **0.96** | **1.40** | **5.86** | **0.86** | **1.26** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW041 | 18 Feb 2021 | 0861_SW001_210218 | QLD_0861_WQMP | Normal | EB2104539 | **1.91** | **2.47** | **15.4** | **1.43** | **34.1** | - | **0.17** | **0.4** | **0.71** | **3.51** | **0.47** | **0.87** | **0.02** | **0.03** | **0.03** | <0.02 |
| SW041 | 30 Mar 2021 | 0861_SW041_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **1.23** | **1.18** | **8.44** | **0.50** | **8.83** | - | <0.10 | <0.5 | **0.68** | **2.26** | **0.35** | **0.48** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW041 | 26 Oct 2021 | 0861_SW041_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.30** | **0.23** | **1.84** | **0.13** | **2.61** | - | <0.02 | <0.10 | **0.14** | **0.52** | **0.06** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 17 Feb 2022 | 0861_SW041_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | **1.54** | **1.87** | **10.5** | **0.54** | **7.88** | - | <0.10 | <0.5 | **0.75** | **2.48** | **0.42** | **0.62** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW041 | 28 Mar 2022 | 0861_SW041_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.98** | **1.08** | **7.45** | **0.51** | **8.46** | - | <0.02 | **0.2** | **0.38** | **1.49** | **0.24** | **0.50** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 10 Jun 2022 | 0861_SW041_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | **1.39** | **1.56** | **10.1** | **0.54** | **6.13** | - | <0.02 | **0.3** | **0.58** | **2.40** | **0.37** | **0.52** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 20 Oct 2022 | 0861_QC189_221020 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.10** | **0.10** | **0.79** | **0.06** | **1.11** | - | <0.02 | <0.1 | **0.05** | **0.21** | **0.02** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 20 Oct 2022 | 0861_QC289_221020 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | **0.062** | **0.061** | **0.52** | **0.02** | **0.67** | <0.01 | <0.01 | **0.1** | **0.033** | **0.11** | **0.014** | **0.032** | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW041 | 20 Oct 2022 | 0861_SW041_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.08** | **0.10** | **0.78** | **0.04** | **1.00** | - | <0.02 | <0.1 | **0.04** | **0.20** | **0.02** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 08 Feb 2023 | 0861_SW041_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **1.00** | **1.12** | **7.04** | **0.48** | **7.72** | - | <0.02 | **0.2** | **0.43** | **1.62** | **0.23** | **0.45** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 18 Apr 2023 | 0861_SW041_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.98** | **1.18** | **8.04** | **0.55** | **8.88** | - | <0.04 | **0.3** | **0.40** | **1.47** | **0.25** | **0.45** | <0.04 | <0.04 | <0.04 | <0.04 |
| SW041 | 14 Aug 2023 | 0861_SW041_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | **1.97** | **2.10** | **12.4** | **0.73** | **9.83** | - | <0.02 | **0.5** | **0.90** | **3.14** | **0.47** | **0.82** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 19 Dec 2023 | 0861_SW041_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **0.76** | **0.84** | **5.76** | **0.35** | **9.70** | - | <0.02 | **0.2** | **0.37** | **1.55** | **0.20** | **0.37** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 12 Apr 2024 | 0861_SW041_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.67** | **0.67** | **5.20** | **0.28** | **5.41** | - | <0.02 | **0.2** | **0.32** | **1.12** | **0.16** | **0.25** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 31 Jul 2024 | 0861_SW041_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | **1.29** | **1.59** | **5.58** | **0.21** | **5.09** | - | <0.02 | **0.3** | **0.57** | **2.22** | **0.31** | **0.50** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 05 Nov 2024 | 0861_SW041_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **1.1** | **1.0** | **9.1** | **0.50** | **6.5** | <0.01 | <0.01 | **0.28** | **0.36** | **1.8** | **0.22** | **0.45** | **0.01** | <0.01 | <0.01 | <0.01 |
| SW041 | 05 Feb 2025 | 0861_SW041_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | **1.37** | **1.10** | **8.36** | **0.29** | **5.78** | - | <0.02 | **0.2** | **0.55** | **2.05** | **0.28** | **0.44** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW041 | 06 May 2025 | 0861_SW041_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.3** | **1.3** | **11** | **0.51** | **6.8** | <0.01 | <0.01 | **0.30** | **0.45** | **1.8** | **0.28** | **0.51** | **0.01** | <0.01 | <0.01 | <0.01 |
| SW041 | 07 Aug 2025 | 0861_SW041_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | **0.54** | **0.45** | **3.63** | **0.22** | **4.31** | <0.02 | <0.02 | **0.2** | **0.24** | **0.84** | **0.12** | **0.19** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 05 Jun 2017 | 0861_SW43_170605 | QLD_0861_PFAS | Normal | EB1711471 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | **0.07** | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 19 Nov 2019 | 0861_SW043_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 29 Nov 2019 | 0861_SW043_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 28 Apr 2020 | 0861_SW043_200428 | QLD_0861_PFASOMP | Normal | EB2011568 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 15 Oct 2020 | 0861_QC127_201015 | QLD_0861_PFASOMP | Field_D | EB2027176-AB | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 15 Oct 2020 | 0861_QC227_201015 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW043 | 15 Oct 2020 | 0861_SW043_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 15 Apr 2021 | 0861_SW043_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 22 Oct 2021 | 0861_SW043_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 04 Apr 2022 | 0861_SW043_220404 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 20 Oct 2022 | 0861_SW043_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 19 Apr 2023 | 0861_SW043_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 26 Oct 2023 | 0861_SW043_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 11 Apr 2024 | 0861_SW043_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW043 | 12 Nov 2024 | 0861_SW043_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | **0.01** | <0.01 | **0.03** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW043 | 29 Apr 2025 | 0861_SW043_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW045 | 02 Jun 2017 | 0861_SW45_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.02 | **0.11** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 06 May 2019 | 0861_SW045_190506 | QLD_0861_PFAS | Normal | EB1911952 | **0.06** | **0.06** | **0.46** | **0.03** | **0.53** | - | <0.02 | <0.1 | **0.05** | **0.12** | **0.02** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 20 Nov 2019 | 0861_QC105_191120 | QLD_0861_PFAS | Field_D | EB1931427 | **0.03** | **0.03** | **0.23** | <0.02 | **0.33** | - | <0.02 | <0.1 | **0.03** | **0.07** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 20 Nov 2019 | 0861_QC205_191120 | QLD_0861_PFAS | Interlab_D | 232494 | **0.10** | **0.07** | **0.50** | **0.01** | **0.34** | - | <0.02 | **0.05** | **0.03** | **0.08** | **0.01** | **0.03** | <0.01 | <0.02 | <0.02 | <0.05 |
| SW045 | 20 Nov 2019 | 0861_SW045_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | **0.04** | **0.28** | <0.02 | **0.33** | - | <0.02 | <0.1 | <0.02 | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 15 Apr 2020 | 0861_SW045_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.02 | **0.06** | <0.02 | **0.13** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 15 Oct 2020 | 0861_SW045_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.02 | **0.04** | <0.02 | **0.10** | - | <0.02 | <0.10 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 15 Apr 2021 | 0861_SW045_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 19 Oct 2021 | 0861_SW045_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 29 Mar 2022 | 0861_SW045_220329 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | **0.09** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 20 Oct 2022 | 0861_SW045_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.02 | **0.07** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 18 Apr 2023 | 0861_SW045_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.02 | **0.04** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 26 Oct 2023 | 0861_SW045_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.02 | **0.06** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 12 Apr 2024 | 0861_QC104_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 12 Apr 2024 | 0861_QC204_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW045 | 12 Apr 2024 | 0861_SW045_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW045 | 12 Nov 2024 | 0861_SW045_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW045 | 29 Apr 2025 | 0861_SW045_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW047 | 02 Jun 2017 | 0861_SW47_170602 | QLD_0861_PFAS | Normal | EB1711373 | **0.72** | **0.53** | **3.59** | **0.15** | **1.88** | - | <0.02 | **0.2** | <0.02 | **1.51** | **0.35** | **0.43** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW047 | 01 May 2019 | 0861_SW047_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.32** | **0.30** | **2.00** | **0.07** | **2.08** | - | <0.02 | **0.2** | **0.70** | **0.98** | **0.26** | **0.27** | **0.03** | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW047 | 20 Nov 2019 | 0861_SW047_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | **0.04** | **0.27** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | **0.07** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 15 Apr 2020 | 0861_SW047_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.18** | **0.15** | **1.06** | **0.06** | **1.76** | - | <0.02 | **0.14** | **0.30** | **0.37** | **0.10** | **0.14** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 13 Oct 2020 | 0861_SW047_201013 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.49** | **0.43** | **2.53** | **0.09** | **1.90** | - | **0.03** | <0.80 | **1.22** | **1.56** | **0.48** | **0.32** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW047 | 14 Apr 2021 | 0861_SW047_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 20 Oct 2021 | 0861_SW047_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 31 Mar 2022 | 0861_SW047_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 19 Oct 2022 | 0861_SW047_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 22 May 2023 | 0861_SW047_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 23 Oct 2023 | 0861_SW047_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.03 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 11 Apr 2024 | 0861_SW047_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW047 | 18 Nov 2024 | 0861_SW047_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW047 | 28 Apr 2025 | 0861_SW047_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW048 | 18 Sep 2017 | 0861_QC103_170918 | QLD_0861_PFAS | Field_D | EB1719278 | **0.11** | **0.33** | **2.39** | **0.27** | **13.4** | - | **0.02** | **0.4** | **0.45** | **1.84** | **0.20** | **0.54** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW048 | 18 Sep 2017 | 0861_QC203_170918 | QLD_0861_PFAS | Field_D | EB1719278 | **0.11** | **0.34** | **2.48** | **0.28** | **14.2** | - | <0.02 | **0.4** | **0.42** | **1.73** | **0.22** | **0.54** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW048 | 18 Sep 2017 | 0861_SW048_170918 | QLD_0861_PFAS | Normal | EB1719278 | **0.11** | **0.36** | **2.58** | **0.28** | **14.9** | - | **0.02** | **0.4** | **0.47** | **1.78** | **0.24** | **0.55** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW048 | 28 Mar 2022 | 0861_SW048_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.03** | **0.02** | **0.12** | <0.02 | **0.38** | - | <0.02 | <0.1 | **0.02** | **0.14** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW048 | 21 Oct 2022 | 0861_SW048_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.03 | **0.02** | **0.16** | <0.02 | **0.43** | - | <0.02 | <0.1 | **0.02** | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW048 | 27 Apr 2023 | 0861_SW048_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.10** | **0.11** | **0.96** | **0.08** | **2.66** | - | <0.02 | <0.1 | **0.09** | **0.29** | **0.05** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW048 | 27 Oct 2023 | 0861_SW048_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.14 | **0.08** | **0.54** | **0.04** | **2.42** | - | <0.02 | <0.1 | **0.08** | **0.34** | **0.14** | **0.18** | **0.04** | **0.03** | <0.02 | <0.02 |
| SW048 | 28 Oct 2024 | 0861_SW048_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.08** | **0.08** | **0.57** | **0.03** | **0.95** | <0.01 | <0.01 | **0.08** | **0.06** | **0.58** | **0.08** | **0.15** | **0.11** | **0.07** | **0.08** | **0.03** |
| SW048 | 06 May 2025 | 0861_SW048_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.04** | **0.03** | **0.25** | **0.02** | **0.56** | <0.01 | <0.01 | <0.05 | **0.03** | **0.15** | **0.02** | **0.05** | **0.02** | **0.02** | **0.01** | <0.01 |
| SW049 | 14 Sep 2017 | 0861_SW049_170914 | QLD_0861_PFAS | Normal | EB1719065 | **0.21** | **0.15** | **1.09** | **0.06** | **2.33** | - | <0.02 | **0.1** | **0.18** | **0.42** | **0.06** | **0.15** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 10 May 2019 | 0861_SW049_190510 | QLD_0861_PFAS | Normal | EB1911952 | **1.16** | **0.94** | **6.06** | **0.30** | **5.22** | - | <0.02 | **1.0** | **1.04** | **2.49** | **0.40** | **0.87** | **0.06** | <0.02 | <0.02 | <0.02 |
| SW049 | 20 Apr 2020 | 0861_QC108_200420 | QLD_0861_PFASOMP | Field_D | EB2011246-AC | **0.44** | **0.2** | **1.41** | **0.08** | **2.52** | - | <0.02 | **0.3** | **0.38** | **0.73** | **0.11** | **0.23** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 20 Apr 2020 | 0861_QC208_200420 | QLD_0861_PFASOMP | Interlab_D | RN1274652 | **0.3** | **0.2** | **0.89** | **0.047** | **1.3** | <0.01 | <0.01 | **0.35** | **0.28** | **0.59** | **0.09** | **0.19** | **0.014** | <0.01 | <0.01 | <0.01 |
| SW049 | 20 Apr 2020 | 0861_SW049_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **0.31** | **0.22** | **1.29** | **0.08** | **2.28** | - | <0.02 | <0.3 | <0.28 | **0.69** | **0.11** | **0.22** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 13 Oct 2020 | 0861_SW049_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.70** | **0.46** | **2.80** | **0.14** | **4.30** | - | <0.05 | **0.30** | **0.57** | **1.44** | **0.24** | **0.48** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW049 | 13 Apr 2021 | 0861_SW049_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.34** | **0.35** | **1.89** | **0.09** | **2.73** | - | <0.02 | **0.3** | **0.37** | **0.73** | **0.15** | **0.30** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 20 Oct 2021 | 0861_SW049_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.35** | **0.23** | **2.07** | **0.11** | **2.40** | - | <0.02 | **0.4** | **0.32** | **0.90** | **0.13** | **0.30** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 31 Mar 2022 | 0861_SW049_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.03** | **0.02** | **0.17** | <0.02 | **0.64** | - | <0.02 | <0.1 | **0.02** | **0.06** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 19 Oct 2022 | 0861_QC187_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.03** | <0.02 | **0.17** | <0.02 | **0.46** | - | <0.02 | <0.1 | <0.02 | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 19 Oct 2022 | 0861_QC287_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.03** | <0.02 | **0.17** | <0.02 | **0.44** | - | <0.02 | <0.1 | <0.02 | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 19 Oct 2022 | 0861_SW049_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.03** | <0.02 | **0.19** | <0.02 | **0.47** | - | <0.02 | <0.1 | <0.02 | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 26 Apr 2023 | 0861_SW049_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.09** | **0.07** | **0.44** | **0.03** | **1.06** | - | <0.02 | <0.1 | **0.07** | **0.19** | **0.03** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 28 Oct 2023 | 0861_SW049_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333894-AA | **0.14** | **0.10** | **0.69** | **0.04** | **1.12** | <0.02 | <0.02 | **0.2** | **0.11** | **0.23** | **0.04** | **0.11** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 10 Apr 2024 | 0861_QC102_240410 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **0.08** | **0.05** | **0.30** | <0.02 | **0.92** | - | <0.02 | <0.1 | **0.05** | **0.12** | <0.02 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 10 Apr 2024 | 0861_QC202_240410 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | **0.051** | **0.025** | **0.28** | <0.01 | **0.75** | <0.01 | <0.01 | **0.077** | **0.049** | **0.092** | <0.01 | **0.021** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW049 | 10 Apr 2024 | 0861_SW049_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.07** | **0.04** | **0.29** | <0.02 | **1.00** | - | <0.02 | <0.1 | **0.06** | **0.12** | <0.02 | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW049 | 01 Nov 2024 | 0861_SW049_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.09** | **0.06** | **0.38** | **0.03** | **0.80** | <0.01 | <0.01 | **0.08** | **0.08** | **0.18** | **0.03** | **0.06** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW049 | 28 Apr 2025 | 0861_SW049_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.03** | **0.02** | **0.17** | <0.01 | **0.51** | <0.01 | <0.01 | <0.05 | **0.02** | **0.05** | <0.01 | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW050 | 30 May 2017 | 0861_SW50_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.044** | **0.027** | **0.127** | **0.006** | **0.103** | - | <0.002 | <0.01 | **0.012** | **0.026** | **0.006** | **0.009** | <0.002 | <0.002 | <0.002 | <0.002 |
| SW050 | 01 May 2019 | 0861_SW050_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.02** | **0.02** | **0.16** | <0.03 | **0.13** | - | <0.02 | <0.1 | **0.06** | **0.07** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 19 Nov 2019 | 0861_SW050_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.06** | **0.05** | **0.38** | <0.02 | **0.72** | - | <0.02 | <0.1 | **0.10** | **0.21** | **0.07** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 15 Apr 2020 | 0861_SW050_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.06** | **0.06** | **0.41** | <0.02 | **0.62** | - | <0.02 | <0.1 | <0.20 | **0.22** | **0.05** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 14 Oct 2020 | 0861_SW050_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.05 | <0.05 | **0.12** | <0.05 | **0.28** | - | <0.05 | <0.25 | **0.14** | **0.08** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW050 | 14 Apr 2021 | 0861_SW050_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 19 Oct 2021 | 0861_SW050_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

JBS&G

## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW050 | 01 Apr 2022 | 0861_SW050_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 11 May 2023 | 0861_SW050_230511 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | <0.02 | <0.02 | **0.11** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 24 Oct 2023 | 0861_SW050_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.02** | **0.02** | **0.12** | <0.02 | **0.39** | - | <0.02 | <0.1 | **0.03** | **0.04** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 11 Apr 2024 | 0861_SW050_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW050 | 04 Nov 2024 | 0861_SW050_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **0.01** | **0.01** | **0.08** | <0.01 | **0.05** | <0.01 | <0.01 | <0.05 | <0.01 | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW050 | 01 May 2025 | 0861_QC107_250501 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | **0.09** | **0.08** | **0.56** | **0.02** | **0.53** | <0.01 | <0.01 | **0.07** | **0.10** | **0.22** | **0.05** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW050 | 01 May 2025 | 0861_QC207_250501 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | **0.10** | **0.094** | **0.70** | **0.017** | **0.73** | - | <0.020 | **0.061** | **0.17** | **0.30** | **0.059** | **0.081** | <0.010 | <0.020 | <0.020 | <0.050 |
| SW050 | 01 May 2025 | 0861_SW050_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.09** | **0.08** | **0.57** | **0.02** | **0.52** | <0.01 | <0.01 | **0.06** | **0.11** | **0.22** | **0.05** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW051 | 02 Jun 2017 | 0861_SW51_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | **0.05** | **0.33** | <0.02 | **0.33** | - | <0.02 | <0.1 | <0.02 | **0.09** | **0.02** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 01 May 2019 | 0861_SW051_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.07** | **0.07** | **0.51** | <0.02 | **0.49** | - | <0.02 | <0.1 | **0.19** | **0.25** | **0.05** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 19 Nov 2019 | 0861_SW051_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.06** | **0.05** | **0.38** | <0.02 | **0.69** | - | <0.02 | <0.1 | **0.09** | **0.20** | **0.07** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 20 Nov 2019 | 0861_SW051_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.03** | <0.02 | **0.08** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 15 Apr 2020 | 0861_SW051_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.02 | **0.23** | <0.02 | **0.28** | - | <0.02 | <0.10 | **0.03** | **0.06** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 14 Oct 2020 | 0861_SW051_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.02** | <0.02 | **0.16** | <0.02 | **0.29** | - | <0.02 | <0.10 | **0.14** | **0.13** | **0.04** | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 13 Apr 2021 | 0861_SW051_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 19 Oct 2021 | 0861_SW051_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.06** | <0.02 | **0.08** | - | <0.02 | <0.1 | <0.02 | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 01 Apr 2022 | 0861_SW051_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 20 Oct 2022 | 0861_SW051_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.03** | **0.02** | **0.16** | <0.02 | **0.17** | - | <0.02 | <0.1 | **0.02** | **0.06** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 19 Apr 2023 | 0861_SW051_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.02 | **0.04** | <0.02 | **0.09** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 24 Oct 2023 | 0861_SW051_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.02** | **0.03** | **0.17** | <0.02 | **0.37** | - | <0.02 | <0.1 | **0.04** | **0.06** | <0.02 | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 11 Apr 2024 | 0861_SW051_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW051 | 04 Nov 2024 | 0861_SW051_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **0.01** | <0.01 | **0.09** | <0.01 | **0.12** | <0.01 | <0.01 | <0.05 | <0.01 | **0.03** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW051 | 29 Apr 2025 | 0861_SW051_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW052 | 30 May 2017 | 0861_QC01_SW_170530 | QLD_0861_PFAS | Field_D | ES1713428 | <0.002 | <0.002 | **0.002** | <0.002 | **0.003** | - | <0.002 | <0.01 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 |
| SW052 | 30 May 2017 | 0861_QC02_SW_170530 | QLD_0861_PFAS | Interlab_D | 168440 | <0.001 | <0.001 | <0.001 | <0.001 | **0.002** | - | <0.002 | **0.005** | <0.002 | **0.001** | <0.001 | <0.001 | <0.001 | <0.002 | <0.002 | <0.005 |
| SW052 | 30 May 2017 | 0861_SW52_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.002 | **0.002** | <0.002 | **0.003** | - | <0.002 | <0.01 | <0.002 | **0.002** | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 |
| SW052 | 10 May 2019 | 0861_SW052_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 20 Nov 2019 | 0861_SW052_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 20 Apr 2020 | 0861_SW052_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | **0.1** | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 13 Oct 2020 | 0861_SW052_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.05 | <0.25 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW052 | 13 Apr 2021 | 0861_SW052_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 20 Oct 2021 | 0861_SW052_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 31 Mar 2022 | 0861_SW052_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 19 Oct 2022 | 0861_SW052_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 26 Apr 2023 | 0861_SW052_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.02 | **0.01** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 10 Apr 2024 | 0861_SW052_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW052 | 18 Nov 2024 | 0861_QC101_241118 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW052 | 18 Nov 2024 | 0861_QC201_241118 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW052 | 18 Nov 2024 | 0861_SW052_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW052 | 28 Apr 2025 | 0861_SW052_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW053 | 17 Oct 2017 | 0861_SW053_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.201** | **0.171** | **2.15** | **0.090** | **3.14** | - | <0.002 | **0.01** | **0.046** | **0.358** | **0.036** | **0.056** | **0.003** | <0.002 | <0.002 | <0.002 |
| SW053 | 03 Dec 2019 | SW053_191203 | QLD_0861_PFAS | Normal | EB1932627 | **0.03** | **0.04** | **0.40** | <0.02 | **0.42** | - | <0.02 | <0.1 | **0.03** | **0.08** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 21 Apr 2020 | 0861_SW053_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | **0.03** | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 21 Oct 2020 | 0861_SW053_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.02 | <0.02 | **0.06** | <0.02 | **0.15** | - | <0.02 | <0.1 | <0.02 | **0.04** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 19 Apr 2021 | 0861_SW053_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.04** | <0.02 | **0.10** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 25 Oct 2021 | 0861_SW053_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.06** | **0.06** | **0.52** | <0.02 | **0.49** | - | <0.02 | <0.1 | **0.02** | **0.11** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 06 Apr 2022 | 0861_SW053_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.02 | **0.11** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW053 | 24 Oct 2022 | 0861_SW053_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | 0.02 | 0.18 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | 0.04 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 21 Apr 2023 | 0861_SW053_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.02 | 0.03 | <0.02 | 0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 29 Nov 2023 | 0861_SW053_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | 0.05 | 0.04 | 0.41 | 0.02 | 1.10 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 18 Apr 2024 | 0861_SW053_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | 0.13 | <0.02 | 0.17 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW053 | 05 Nov 2024 | 0861_SW053_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | 0.06 | <0.01 | 0.04 | <0.01 | <0.01 | <0.05 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW053 | 06 May 2025 | 0861_SW053_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | 0.03 | <0.01 | 0.03 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW056 | 14 Sep 2017 | 0861_SW056_170914 | QLD_0861_PFAS | Normal | EB1719065 | 0.23 | 0.20 | 1.82 | 0.10 | 3.95 | - | <0.02 | <0.1 | 0.08 | 0.46 | 0.05 | 0.14 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 01 May 2019 | 0861_SW056_190401 | QLD_0861_PFAS | Normal | EB1911387 | 0.11 | 0.10 | 0.81 | 0.02 | 1.11 | - | <0.02 | <0.1 | 0.19 | 0.32 | 0.08 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 18 Nov 2019 | 0861_QC101_191118 | QLD_0861_PFAS | Field_D | EB1931427 | 0.19 | 0.15 | 1.28 | 0.06 | 2.66 | - | <0.02 | 0.1 | 0.06 | 0.37 | 0.05 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 18 Nov 2019 | 0861_QC202_191118 | QLD_0861_PFAS | Interlab_D | 231783 | 0.19 | 0.16 | 1.4 | 0.06 | 2.8 | - | <0.02 | 0.1 | 0.2 | 0.34 | 0.06 | 0.08 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW056 | 19 Nov 2019 | 0861_SW056_191118 | QLD_0861_PFAS | Normal | EB1931427 | 0.20 | 0.15 | 1.30 | 0.06 | 2.92 | - | <0.02 | 0.1 | 0.06 | 0.38 | 0.05 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 21 Nov 2019 | 0861_QC102_191118 | QLD_0861_PFAS | Field_D | EB1931427 | 0.21 | 0.15 | 1.31 | 0.06 | 2.68 | - | <0.02 | <0.1 | 0.06 | 0.37 | 0.06 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 15 Apr 2020 | 0861_QC104_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | 0.40 | 0.28 | 2.27 | 0.11 | 2.32 | - | <0.02 | 0.30 | 0.63 | 0.79 | 0.22 | 0.23 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | 0.32 | 0.27 | 2.3 | 0.063 | 1.6 | <0.01 | <0.01 | 0.24 | 0.54 | 0.76 | 0.16 | 0.16 | 0.013 | <0.01 | <0.01 | <0.01 |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | 0.32 | 0.27 | 2.3 | 0.063 | 1.6 | <0.01 | <0.01 | 0.24 | 0.54 | 0.76 | 0.16 | 0.16 | 0.013 | <0.01 | <0.01 | <0.01 |
| SW056 | 15 Apr 2020 | 0861_SW056_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | 0.35 | 0.32 | 2.80 | 0.08 | 1.52 | - | <0.02 | 0.30 | 0.58 | 0.96 | 0.24 | 0.20 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 19 Oct 2020 | 0861_QC131_201019 | QLD_0861_PFASOMP | Field_D | EB2027539 | 0.14 | 0.13 | 1.21 | 0.06 | 2.51 | - | <0.02 | 0.1 | 0.12 | 0.31 | 0.05 | 0.09 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 19 Oct 2020 | 0861_QC231_201019 | QLD_0861_PFASOMP | Interlab_D | RN1292508 | 0.14 | 0.11 | 1.1 | 0.039 | 2.4 | <0.01 | <0.01 | 0.087 | 0.12 | 0.28 | 0.046 | 0.082 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW056 | 19 Oct 2020 | 0861_SW056_201019 | QLD_0861_PFASOMP | Normal | EB2027539 | 0.15 | 0.13 | 1.13 | 0.05 | 2.72 | - | <0.02 | 0.1 | 0.13 | 0.32 | 0.05 | 0.10 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 30 Mar 2021 | 0861_SW056_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | 0.25 | 0.24 | 1.61 | 0.05 | 1.02 | - | <0.02 | 0.3 | 0.77 | 0.83 | 0.18 | 0.18 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 26 Oct 2021 | 0861_SW056_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | 0.29 | 0.24 | 1.43 | 0.06 | 1.13 | - | <0.02 | 0.27 | 0.52 | 0.79 | 0.14 | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 28 Mar 2022 | 0861_SW056_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | 0.66 | 0.58 | 2.99 | 0.15 | 2.82 | - | <0.02 | 0.2 | 0.64 | 1.40 | 0.29 | 0.43 | 0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 21 Oct 2022 | 0861_QC191_221021 | QLD_0861_PFASOMP | Field_D | EB2231197 | 0.34 | 0.35 | 2.51 | 0.10 | 2.34 | - | <0.02 | 0.1 | 0.32 | 0.89 | 0.18 | 0.20 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 21 Oct 2022 | 0861_QC291_221021 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | 0.22 | 0.19 | 1.6 | 0.04 | 1.4 | <0.01 | <0.01 | 0.093 | 0.21 | 0.45 | 0.096 | 0.11 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW056 | 21 Oct 2022 | 0861_SW056_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | 0.35 | 0.36 | 2.69 | 0.10 | 2.31 | - | <0.02 | 0.1 | 0.32 | 0.88 | 0.18 | 0.20 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 18 Apr 2023 | 0861_SW056_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 0.17 | 0.14 | 0.80 | 0.04 | 1.40 | - | <0.02 | <0.1 | 0.16 | 0.27 | 0.06 | 0.08 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 24 Oct 2023 | 0861_SW056_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | 0.79 | 0.69 | 3.34 | 0.18 | 4.43 | - | <0.02 | 0.3 | 0.78 | 1.18 | 0.46 | 0.48 | 0.03 | <0.02 | <0.02 | <0.02 |
| SW056 | 09 Apr 2024 | 0861_SW056_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | 0.14 | 0.13 | 0.90 | 0.04 | 1.29 | - | <0.02 | 0.1 | 0.24 | 0.34 | 0.08 | 0.10 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW056 | 28 Oct 2024 | 0861_SW056_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | 0.09 | 0.08 | 0.64 | 0.04 | 1.6 | <0.01 | <0.01 | <0.05 | 0.08 | 0.20 | 0.03 | 0.05 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW056 | 07 May 2025 | 0861_SW056_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | 0.52 | 0.51 | 2.9 | 0.10 | 3.1 | 0.01 | <0.01 | 0.27 | 0.68 | 0.97 | 0.26 | 0.38 | 0.02 | <0.01 | <0.01 | <0.01 |
| SW059 | 13 Sep 2017 | 0861_SW059_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | 0.052 | 0.066 | 0.459 | 0.018 | 0.874 | - | <0.002 | 0.11 | 0.288 | 0.418 | 0.088 | 0.098 | 0.010 | 0.004 | <0.002 | <0.002 |
| SW059 | 29 Apr 2019 | 0861_SW059_190429 | QLD_0861_PFAS | Normal | EB1911387 | 1.56 | 1.60 | 9.31 | 0.45 | 8.15 | - | <0.02 | 0.6 | 1.53 | 3.99 | 0.78 | 1.42 | 0.05 | <0.02 | <0.02 | <0.02 |
| SW059 | 03 Nov 2020 | 0861_SW059_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | 1.31 | 0.99 | 5.38 | 0.33 | 10.4 | - | 0.07 | 0.7 | 1.10 | 2.68 | 0.49 | 0.82 | 0.06 | 0.03 | <0.02 | <0.02 |
| SW059 | 30 Mar 2021 | 0861_SW059_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | 4.00 | 4.03 | 21.3 | 0.69 | 9.38 | - | <0.10 | 3.0 | 9.12 | 14.6 | 2.79 | 3.62 | 0.12 | <0.10 | <0.10 | <0.10 |
| SW059 | 26 Oct 2021 | 0861_SW059_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | 1.05 | 0.72 | 4.03 | 0.25 | 6.05 | - | <0.02 | 0.79 | 1.70 | 2.27 | 0.43 | 0.59 | 0.03 | <0.02 | <0.02 | <0.02 |
| SW059 | 28 Mar 2022 | 0861_SW059_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | 0.13 | 0.11 | 0.66 | 0.03 | 0.92 | - | <0.02 | <0.1 | 0.15 | 0.23 | 0.06 | 0.07 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW059 | 21 Oct 2022 | 0861_SW059_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | 0.52 | 0.52 | 3.27 | 0.20 | 5.41 | - | <0.02 | 0.2 | 0.58 | 1.41 | 0.24 | 0.55 | 0.04 | <0.02 | <0.02 | <0.02 |
| SW059 | 17 Apr 2023 | 0861_QC101_230417 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AA | 0.39 | 0.39 | 2.19 | 0.10 | 2.59 | - | <0.02 | 0.3 | 0.62 | 0.86 | 0.18 | 0.22 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW059 | 17 Apr 2023 | 0861_QC201_230417 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | 0.35 | 0.28 | 1.8 | 0.052 | 2 | <0.01 | <0.01 | 0.27 | 0.45 | 0.67 | 0.15 | 0.15 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW059 | 17 Apr 2023 | 0861_SW059_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 0.44 | 0.38 | 2.28 | 0.10 | 2.66 | - | <0.02 | 0.3 | 0.68 | 0.89 | 0.16 | 0.23 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW059 | 27 Oct 2023 | 0861_SW059_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | 0.88 | 0.59 | 3.12 | 0.15 | 4.20 | - | <0.02 | 0.2 | 0.43 | 0.89 | 0.30 | 0.49 | 0.03 | <0.02 | <0.02 | <0.02 |
| SW059 | 09 Apr 2024 | 0861_SW059_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | 1.07 | 1.08 | 6.10 | 0.28 | 8.67 | - | <0.02 | 0.9 | 2.24 | 2.93 | 0.75 | 1.00 | 0.06 | <0.02 | <0.02 | <0.02 |
| SW059 | 31 Oct 2024 | 0861_SW059_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | 0.56 | 0.55 | 3.0 | 0.14 | 4.3 | 0.02 | 0.03 | 0.22 | 0.47 | 1.2 | 0.21 | 0.36 | 0.03 | 0.01 | <0.01 | <0.01 |
| SW059 | 01 May 2025 | 0861_SW059_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | 0.62 | 0.62 | 3.7 | 0.13 | 3.5 | <0.01 | <0.01 | 0.41 | 0.69 | 1.5 | 0.39 | 0.60 | 0.05 | <0.01 | <0.01 | <0.01 |
| SW064 | 19 Oct 2017 | 0861_SW064_171019 | QLD_0861_PFAS | Normal | EB1721835 | 0.634 | 0.349 | 1.84 | 0.040 | 1.43 | - | <0.002 | 0.03 | 0.167 | 0.385 | 0.050 | 0.048 | 0.006 | <0.002 | <0.002 | <0.002 |
| SW064 | 19 Apr 2021 | 0861_SW064_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | 0.32 | 0.19 | 0.84 | 0.03 | 0.87 | - | <0.02 | 0.2 | 0.14 | 0.27 | 0.02 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 25 Oct 2021 | 0861_SW064_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | 0.29 | 0.13 | 0.79 | 0.03 | 0.71 | - | <0.02 | 0.11 | 0.10 | 0.26 | 0.02 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW064 | 06 Apr 2022 | 0861_QC180_220406 | QLD_0861_PFASOMP | Field_D | EB2209942 | 0.24 | 0.15 | 0.72 | 0.03 | 0.75 | - | <0.02 | <0.1 | 0.08 | 0.18 | <0.02 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 06 Apr 2022 | 0861_QC280_220406 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | 0.14 | 0.097 | 0.55 | 0.013 | 0.6 | <0.01 | <0.01 | 0.069 | 0.054 | 0.12 | 0.015 | 0.024 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW064 | 06 Apr 2022 | 0861_SW064_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | 0.20 | 0.14 | 0.74 | <0.02 | 0.87 | - | <0.02 | <0.1 | <0.10 | 0.19 | 0.03 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 24 Oct 2022 | 0861_SW064_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | 0.04 | 0.02 | 0.24 | <0.02 | 0.49 | - | <0.02 | <0.1 | <0.02 | 0.06 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 21 Apr 2023 | 0861_SW064_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 0.18 | 0.12 | 0.62 | 0.02 | 0.65 | - | <0.02 | <0.1 | <0.04 | 0.11 | <0.02 | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 29 Nov 2023 | 0861_SW064_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | 0.42 | 0.20 | 0.83 | 0.04 | 0.95 | - | <0.02 | <0.1 | 0.10 | 0.16 | 0.02 | 0.04 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 18 Apr 2024 | 0861_SW064_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | 0.51 | 0.32 | 1.29 | <0.03 | 1.44 | - | <0.02 | 0.3 | 0.23 | 0.45 | 0.04 | 0.06 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW064 | 06 May 2025 | 0861_SW064_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | 0.08 | 0.08 | 0.84 | 0.02 | 0.51 | <0.01 | <0.01 | <0.05 | <0.01 | 0.10 | 0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW067 | 17 Oct 2017 | 0861_SW067_171020 | QLD_0861_PFAS | Normal | EB1721894 | 0.108 | 0.098 | 1.10 | 0.051 | 1.42 | - | <0.002 | <0.01 | 0.111 | 0.366 | 0.152 | 0.127 | 0.043 | 0.043 | 0.018 | 0.018 |
| SW067 | 03 Dec 2019 | SW067_191203 | QLD_0861_PFAS | Normal | EB1932627 | 4.03 | 3.63 | 24.2 | 0.96 | 26.6 | - | <0.25 | <1.2 | 1.73 | 5.93 | 0.44 | 0.44 | <0.25 | <0.25 | <0.25 | <1.26 |
| SW067 | 21 Apr 2020 | 0861_SW067_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | 3.61 | 2.74 | 15.3 | 0.61 | 14.3 | - | <0.03 | 0.6 | 1.72 | 3.45 | 0.3 | 0.48 | 0.04 | <0.03 | <0.03 | <0.03 |
| SW067 | 21 Oct 2020 | 0861_SW067_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | 6.52 | 5.75 | 38.4 | 0.85 | 20.6 | - | <0.05 | 2.2 | 2.93 | 10.2 | 0.57 | 0.79 | 0.06 | <0.05 | <0.05 | <0.05 |
| SW067 | 19 Apr 2021 | 0861_SW067_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | 2.63 | 2.46 | 15.6 | 0.88 | 17.3 | - | 0.07 | 1.6 | 1.93 | 3.35 | 0.36 | 0.54 | 0.06 | 0.03 | <0.02 | <0.02 |
| SW067 | 25 Oct 2021 | 0861_SW067_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | 1.70 | 1.48 | 10.1 | 0.31 | 9.39 | - | <0.05 | 3.0 | 3.78 | 4.67 | 0.48 | 0.55 | 0.14 | <0.05 | <0.05 | <0.05 |
| SW067 | 24 Oct 2022 | 0861_SW067_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | 0.52 | 0.47 | 3.48 | 0.13 | 4.24 | - | <0.02 | 0.5 | 0.55 | 0.94 | 0.13 | 0.20 | 0.09 | <0.02 | <0.02 | <0.02 |
| SW067 | 21 Apr 2023 | 0861_SW067_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 6.04 | 5.02 | 27.6 | 0.82 | 12.5 | - | <0.05 | 3.6 | 4.03 | 6.23 | 0.51 | 0.56 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW067 | 29 Nov 2023 | 0861_SW067_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | 1.96 | 1.17 | 5.88 | 0.21 | 6.41 | - | <0.04 | 1.2 | 1.89 | 1.97 | 0.20 | 0.27 | 0.07 | 0.02 | <0.02 | <0.02 |
| SW067 | 06 May 2025 | 0861_SW067_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | 0.65 | 0.87 | 6.7 | 0.19 | 4.7 | <0.01 | <0.01 | 0.44 | 0.37 | 1.5 | 0.14 | 0.24 | 0.04 | 0.02 | <0.01 | <0.01 |
| SW076 | 13 Sep 2017 | 0861_SW076_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | 1.92 | 1.97 | 8.58 | 0.178 | 25.9 | - | <0.002 | 0.24 | 1.61 | 4.68 | 0.902 | 1.29 | 0.057 | 0.009 | <0.002 | <0.002 |
| SW076 | 01 May 2019 | 0861_SW076_190501 | QLD_0861_PFAS | Normal | EB1911387 | 0.37 | 0.38 | 2.66 | 0.11 | 2.79 | - | <0.02 | 0.2 | 0.75 | 1.07 | 0.27 | 0.37 | 0.03 | <0.02 | <0.02 | <0.02 |
| SW076 | 15 Apr 2020 | 0861_SW076_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | 0.48 | 0.42 | 2.17 | 0.09 | 2.27 | - | <0.02 | <0.5 | <1.12 | 1.20 | 0.36 | 0.29 | 0.02 | <0.02 | <0.02 | <0.02 |
| SW076 | 10 Nov 2020 | 0861_SW076_201110 | QLD_0861_PFASOMP | Normal | EB2029508 | 0.26 | 0.21 | 1.40 | 0.09 | 3.68 | - | 0.03 | 0.2 | 0.37 | 0.56 | 0.19 | 0.25 | 0.04 | 0.04 | <0.02 | <0.02 |
| SW076 | 30 Mar 2021 | 0861_SW076_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | 0.49 | 0.45 | 2.74 | 0.10 | 1.98 | - | <0.10 | 0.6 | 1.80 | 1.60 | 0.38 | 0.32 | <0.10 | <0.10 | <0.10 | <0.10 |
| SW076 | 26 Oct 2021 | 0861_SW076_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | 0.41 | 0.30 | 1.83 | 0.10 | 2.07 | - | <0.02 | 0.26 | 0.61 | 0.95 | 0.18 | 0.20 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW076 | 28 Mar 2022 | 0861_SW076_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | 0.83 | 0.75 | 3.72 | 0.19 | 3.64 | - | <0.02 | 0.3 | 0.96 | 1.78 | 0.41 | 0.60 | 0.04 | <0.02 | <0.02 | <0.02 |
| SW076 | 18 Apr 2023 | 0861_QC103_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | 0.45 | 0.34 | 1.76 | 0.09 | 1.98 | - | <0.02 | 0.2 | 0.50 | 0.81 | 0.17 | 0.26 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW076 | 18 Apr 2023 | 0861_QC203_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | 0.3 | 0.27 | 1.8 | 0.059 | 1.5 | <0.01 | <0.01 | 0.21 | 0.41 | 0.64 | 0.15 | 0.18 | 0.011 | <0.01 | <0.01 | <0.01 |
| SW076 | 18 Apr 2023 | 0861_SW076_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 0.39 | 0.34 | 1.83 | 0.10 | 1.93 | - | <0.02 | 0.2 | 0.46 | 0.78 | 0.18 | 0.24 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW076 | 27 Oct 2023 | 0861_SW076_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | 0.70 | 0.60 | 3.10 | 0.16 | 3.41 | - | <0.02 | 0.3 | 0.66 | 0.99 | 0.38 | 0.47 | 0.03 | <0.02 | <0.02 | <0.02 |
| SW076 | 09 Apr 2024 | 0861_SW076_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | 0.56 | 0.52 | 3.38 | 0.17 | 4.73 | - | <0.02 | 0.4 | 0.99 | 1.34 | 0.32 | 0.40 | <0.03 | <0.02 | <0.02 | <0.02 |
| SW076 | 28 Oct 2024 | 0861_SW076_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | 1.0 | 0.92 | 5.9 | 0.26 | 5.4 | <0.01 | <0.01 | 0.44 | 1.3 | 1.9 | 0.43 | 0.54 | 0.03 | <0.01 | <0.01 | <0.01 |
| SW076 | 07 May 2025 | 0861_SW076_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | 0.56 | 0.53 | 3.4 | 0.13 | 3.2 | <0.01 | <0.01 | 0.29 | 0.62 | 1.2 | 0.27 | 0.45 | 0.03 | <0.01 | <0.01 | <0.01 |
| SW079 | 17 Oct 2017 | 0861_SW079_171020 | QLD_0861_PFAS | Normal | EB1721894 | 0.916 | 0.676 | 5.96 | 0.423 | 8.62 | - | 0.030 | 0.05 | 0.544 | 1.58 | 0.288 | 0.384 | 0.034 | 0.013 | 0.002 | <0.002 |
| SW079 | 21 Apr 2020 | 0861_SW079_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | 4.38 | 5.26 | 34.3 | 1.58 | 15.9 | - | <0.06 | 0.4 | 1.2 | 6.63 | 0.97 | 1.54 | <0.06 | <0.06 | <0.06 | <0.06 |
| SW079 | 21 Oct 2020 | 0861_SW079_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | 3.93 | 3.66 | 28.5 | 1.29 | 18.2 | - | 0.08 | 0.6 | 1.13 | 6.03 | 0.87 | 1.42 | <0.04 | <0.04 | <0.04 | <0.04 |
| SW079 | 19 Apr 2021 | 0861_QC145_210419 | QLD_0861_PFASOMP | Field_D | EB2111121 | 1.81 | 2.68 | 13.2 | 0.76 | 10.1 | - | <0.02 | 0.4 | 0.93 | 3.24 | 0.54 | 0.85 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 19 Apr 2021 | 0861_QC245_210419 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | 1.7 | 1.5 | 10 | 0.49 | 6.3 | <0.01 | <0.01 | 0.42 | 0.73 | 2.2 | 0.41 | 0.6 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW079 | 19 Apr 2021 | 0861_SW079_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | 1.90 | 3.26 | 13.7 | 1.02 | 12.8 | - | 0.10 | 0.4 | 1.06 | 3.59 | 0.60 | 0.89 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 25 Oct 2021 | 0861_SW079_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | 0.06 | 0.05 | 0.32 | <0.02 | 0.41 | - | <0.02 | <0.1 | 0.04 | 0.15 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 06 Apr 2022 | 0861_SW079_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | 1.23 | 1.33 | 8.57 | 0.46 | 7.01 | - | <0.02 | <0.3 | 0.55 | 1.94 | 0.31 | 0.51 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 24 Oct 2022 | 0861_SW079_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | 0.08 | 0.08 | 0.74 | 0.03 | 1.02 | - | <0.02 | <0.1 | 0.05 | 0.16 | <0.02 | 0.03 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 21 Apr 2023 | 0861_SW079_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | 1.09 | 1.15 | 8.47 | 0.48 | 8.34 | - | <0.02 | 0.2 | 0.51 | 1.70 | 0.27 | 0.43 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 29 Nov 2023 | 0861_SW079_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.02 | 0.05 | <0.02 | 0.08 | - | <0.02 | <0.1 | <0.02 | 0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 18 Apr 2024 | 0861_SW079_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | 1.00 | 1.13 | 8.35 | 0.41 | 7.47 | - | <0.02 | 0.3 | 0.52 | 1.90 | 0.25 | 0.45 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW079 | 05 Nov 2024 | 0861_QC102_241105 | QLD_0861_PFASOMP_24a | Field_D | 1156536 | 1.9 | 1.8 | 11 | 0.61 | 11 | <0.01 | <0.01 | 0.35 | 0.39 | 2.7 | 0.30 | 0.62 | 0.01 | <0.01 | <0.01 | <0.01 |
| SW079 | 05 Nov 2024 | 0861_QC202_241105 | QLD_0861_PFASOMP_24a | Interlab_D | 365856 | 1.7 | 2.0 | 14 | 0.90 | 14 | - | <0.02 | 0.36 | 0.69 | 2.8 | 0.43 | 0.74 | 0.02 | <0.02 | <0.02 | <0.05 |
| SW079 | 05 Nov 2024 | 0861_SW079_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | 1.4 | 1.4 | 13 | 0.72 | 10 | <0.01 | <0.01 | 0.36 | 0.44 | 2.5 | 0.30 | 0.61 | 0.01 | <0.01 | <0.01 | <0.01 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW079 | 06 May 2025 | 0861_SW079_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.3** | **1.3** | **11** | **0.54** | **9.9** | <0.01 | <0.01 | **0.33** | **0.52** | **2.1** | **0.29** | **0.65** | **0.01** | <0.01 | <0.01 | <0.01 |
| SW080 | 17 Oct 2017 | 0861_SW080_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.630** | **0.535** | **4.18** | **0.188** | **4.28** | - | **0.007** | **0.10** | **0.241** | **0.980** | **0.124** | **0.148** | **0.010** | **0.004** | <0.002 | <0.002 |
| SW080 | 13 May 2019 | 0861_SW080_190513 | QLD_0861_PFAS | Normal | EB1912390 | **3.03** | **3.21** | **22.4** | **1.38** | **18.4** | - | <0.02 | **0.6** | **0.99** | **5.02** | **0.67** | **1.16** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 03 Dec 2019 | 0861_QC203_191203 | QLD_0861_PFAS | Interlab_D | 232657 | **1.1** | **0.97** | **7.9** | **0.49** | **9.0** | - | <0.02 | **0.22** | **0.41** | **1.6** | **0.26** | **0.42** | <0.01 | <0.02 | <0.02 | <0.05 |
| SW080 | 03 Dec 2019 | QC103_191203 | QLD_0861_PFAS | Field_D | EB1932627 | **0.90** | **1.01** | **6.71** | **0.46** | **8.82** | - | <0.02 | **0.2** | **0.33** | **1.63** | **0.21** | **0.38** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 03 Dec 2019 | SW080_191203 | QLD_0861_PFAS | Normal | EB1932627 | **0.72** | **0.74** | **5.79** | **0.37** | **8.43** | - | <0.25 | <1.2 | <0.25 | **0.97** | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <1.00 |
| SW080 | 21 Apr 2020 | 0861_SW080_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **3.99** | **4.78** | **31.7** | **1.7** | **19.8** | - | <0.06 | **0.3** | **1.03** | **5.77** | **0.83** | **1.38** | <0.06 | <0.06 | <0.06 | <0.06 |
| SW080 | 06 Aug 2020 | 0861_SW033_200806 | QLD_0861_WQMP | Normal | EB2020759 | **3.47** | **3.43** | **26.4** | **1.32** | **21.5** | - | <0.18 | <0.9 | **1.36** | **5.56** | **0.80** | **1.34** | <0.18 | <0.18 | <0.18 | <0.18 |
| SW080 | 21 Oct 2020 | 0861_SW080_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | **2.84** | **2.84** | **21.2** | **1.03** | **13.6** | - | <0.04 | **0.5** | **0.81** | **4.47** | **0.62** | **1.07** | <0.04 | <0.04 | <0.04 | <0.04 |
| SW080 | 18 Feb 2021 | 0861_SW033_210218 | QLD_0861_WQMP | Normal | EB2104539 | **1.70** | **1.72** | **10.2** | **0.68** | **11.4** | - | <0.10 | <0.50 | **0.71** | **3.11** | **0.43** | **0.74** | <0.10 | <0.10 | <0.10 | <0.10 |
| SW080 | 19 Apr 2021 | 0861_SW080_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **3.46** | **3.62** | **26.0** | **1.60** | **29.9** | - | <0.05 | **0.8** | **1.44** | **6.20** | **0.88** | **1.50** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 12 Aug 2021 | 0861_SW033_210812 | QLD_0861_WQMP | Normal | EB2122672 | **3.35** | **3.79** | **25.4** | **1.69** | **26.4** | - | <0.02 | **0.7** | **1.16** | **6.46** | **0.82** | **1.46** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 25 Oct 2021 | 0861_SW080_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.19** | **0.17** | **1.85** | **0.11** | **3.12** | - | <0.02 | <0.10 | **0.11** | **0.41** | **0.05** | **0.09** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 17 Feb 2022 | 0861_SW080_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | **3.59** | **4.53** | **27.2** | **1.72** | **21.1** | - | <0.05 | **0.7** | **1.61** | **6.30** | **0.97** | **1.58** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 06 Apr 2022 | 0861_SW080_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | **2.54** | **3.15** | **19.8** | **1.21** | **16.8** | - | <0.02 | **0.5** | **1.06** | **4.14** | **0.63** | **1.19** | **0.03** | <0.02 | <0.02 | <0.02 |
| SW080 | 10 Jun 2022 | 0861_SW080_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | **2.85** | **3.04** | **19.8** | **1.22** | **18.3** | - | <0.05 | **0.5** | **1.02** | **4.89** | **0.67** | **1.11** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 24 Oct 2022 | 0861_SW080_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.10 | <0.10 | **0.76** | <0.10 | **1.22** | - | <0.10 | <0.5 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| SW080 | 08 Feb 2023 | 0861_SW080_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **2.44** | **2.54** | **16.0** | **1.04** | **19.3** | - | <0.02 | **0.4** | **1.02** | **3.47** | **0.53** | **0.97** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 21 Apr 2023 | 0861_SW080_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **2.62** | **2.98** | **22.0** | **1.32** | **23.9** | - | <0.05 | **0.5** | **1.16** | **4.24** | **0.69** | **1.13** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 14 Aug 2023 | 0861_SW080_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | **4.35** | **5.12** | **30.8** | **1.96** | **24.7** | - | <0.05 | **0.8** | **1.66** | **6.73** | **0.92** | **1.94** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 29 Nov 2023 | 0861_SW080_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **0.31** | **0.25** | **1.74** | **0.14** | **3.45** | - | <0.02 | <0.1 | **0.18** | **0.34** | **0.07** | **0.14** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 19 Dec 2023 | 0861_SW080_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **1.29** | **1.41** | **10.3** | **0.69** | **22.4** | - | <0.02 | **0.3** | **0.54** | **2.45** | **0.35** | **0.65** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW080 | 18 Apr 2024 | 0861_SW080_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **2.97** | **3.29** | **24.8** | **1.32** | **27.8** | - | <0.11 | <0.5 | **1.29** | **4.99** | **0.66** | **1.26** | <0.11 | <0.11 | <0.11 | <0.11 |
| SW080 | 31 Jul 2024 | 0861_SW080_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | **4.00** | **3.84** | **27.3** | **1.57** | **24.5** | - | <0.05 | **0.6** | **1.35** | **6.54** | **0.86** | **1.74** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 05 Nov 2024 | 0861_SW080_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **1.4** | **1.4** | **11** | **0.69** | **13** | <0.01 | <0.01 | **0.29** | **0.39** | **2.3** | **0.27** | **0.60** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW080 | 05 Feb 2025 | 0861_SW080_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | **1.44** | **1.93** | **11.3** | **0.50** | **13.6** | - | <0.05 | <0.2 | **0.70** | **3.00** | **0.20** | **0.64** | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 06 May 2025 | 0861_SW080_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.2** | **1.2** | **11** | **0.61** | **12** | <0.01 | <0.01 | **0.24** | **0.38** | **1.5** | **0.22** | **0.53** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW080 | 07 Aug 2025 | 0861_SW080_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | **2.00** | **1.83** | **15.0** | **1.08** | **22.7** | **0.07** | <0.02 | **0.6** | **0.92** | **3.34** | **0.49** | **0.98** | **0.02** | <0.02 | <0.02 | <0.02 |
| SW088 | 15 Sep 2017 | 0861_SW088_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 20 Apr 2020 | 0861_SW088_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 13 Oct 2020 | 0861_SW088_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | - | <0.02 | <0.40 | <0.30 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 13 Apr 2021 | 0861_SW088_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 20 Oct 2021 | 0861_SW088_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 31 Mar 2022 | 0861_QC175_220331 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 31 Mar 2022 | 0861_QC275_220331 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.05 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW088 | 31 Mar 2022 | 0861_SW088_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 19 Oct 2022 | 0861_SW088_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 22 May 2023 | 0861_SW088_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 23 Oct 2023 | 0861_SW088_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 10 Apr 2024 | 0861_SW088_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW088 | 18 Nov 2024 | 0861_SW088_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW088 | 28 Apr 2025 | 0861_SW088_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW089 | 14 Sep 2017 | 0861_SW089_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 10 May 2019 | 0861_SW089_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 20 Apr 2020 | 0861_SW089_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 13 Apr 2021 | 0861_SW089_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 20 Oct 2021 | 0861_SW089_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW089 | 31 Mar 2022 | 0861_SW089_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 19 Oct 2022 | 0861_SW089_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 22 May 2023 | 0861_SW089_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 23 Oct 2023 | 0861_SW089_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 10 Apr 2024 | 0861_SW089_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW089 | 18 Nov 2024 | 0861_SW089_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW089 | 02 May 2025 | 0861_SW089_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW090 | 14 Sep 2017 | 0861_SW090_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 10 May 2019 | 0861_QC101_190510 | QLD_0861_PFAS | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 10 May 2019 | 0861_QC201_190510 | QLD_0861_PFAS | Interlab_D | 217521 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW090 | 10 May 2019 | 0861_SW90_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 20 Apr 2020 | 0861_SW090_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 13 Oct 2020 | 0861_SW090_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.20 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 14 Apr 2021 | 0861_SW090_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 21 Oct 2021 | 0861_SW090_211021 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 31 Mar 2022 | 0861_SW090_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 21 Oct 2022 | 0861_SW090_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 22 May 2023 | 0861_QC112_230522 | QLD_0861_PFASOMP_23 | Field_D | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 22 May 2023 | 0861_SW090_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 23 Oct 2023 | 0861_SW090_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 10 Apr 2024 | 0861_SW090_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW090 | 18 Nov 2024 | 0861_SW090_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW090 | 02 May 2025 | 0861_SW090_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW091 | 14 Sep 2017 | 0861_SW091_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 20 Apr 2020 | 0861_SW091_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 14 Apr 2021 | 0861_SW091_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 21 Oct 2021 | 0861_SW091_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 31 Mar 2022 | 0861_SW091_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 21 Oct 2022 | 0861_SW091_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 22 May 2023 | 0861_SW091_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 10 Apr 2024 | 0861_SW091_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW091 | 18 Nov 2024 | 0861_SW091_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW091 | 02 May 2025 | 0861_SW091_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW094 | 15 Sep 2017 | 0861_SW094_170915 | QLD_0861_PFAS | Normal | EB1719132 | **0.10** | **0.10** | **0.56** | <0.02 | **0.39** | - | <0.02 | <0.1 | <0.02 | **0.24** | **0.05** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 15 Apr 2020 | 0861_SW094_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.11** | **0.10** | **0.90** | **0.03** | **0.98** | - | <0.02 | **0.12** | **0.18** | **0.31** | **0.08** | **0.09** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 14 Oct 2020 | 0861_SW094_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | **0.06** | <0.02 | **0.10** | - | <0.02 | <0.10 | **0.03** | **0.03** | **0.02** | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 14 Apr 2021 | 0861_SW094_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.11** | **0.12** | **0.65** | **0.03** | **0.82** | - | <0.02 | **0.2** | **0.36** | **0.30** | **0.11** | **0.10** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 22 Oct 2021 | 0861_SW094_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.02** | <0.02 | **0.12** | <0.02 | **0.21** | - | <0.02 | <0.1 | **0.03** | **0.05** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 01 Apr 2022 | 0861_SW094_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.19** | **0.18** | **1.03** | **0.05** | **1.24** | - | <0.02 | <0.1 | **0.23** | **0.40** | **0.10** | **0.12** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 19 Oct 2022 | 0861_SW094_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 22 May 2023 | 0861_SW094_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.02 | **0.08** | <0.02 | **0.13** | - | <0.02 | <0.1 | **0.02** | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 24 Oct 2023 | 0861_SW094_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | **0.05** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 11 Apr 2024 | 0861_SW094_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW094 | 08 Nov 2024 | 0861_SW094_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.09** | **0.06** | **0.45** | **0.03** | **1.1** | <0.01 | <0.01 | **0.07** | **0.13** | **0.16** | **0.06** | **0.06** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW094 | 01 May 2025 | 0861_SW094_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW096 | 18 Sep 2017 | 0861_SW096_170918 | QLD_0861_PFAS | Normal | EB1719278 | <0.02 | <0.02 | <0.02 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW096 | 29 Apr 2025 | 0861_SW096_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | **0.01** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW098 | 15 Sep 2017 | 0861_SW098_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 06 May 2019 | 0861_SW098_190506 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | **0.03** | **0.27** | <0.02 | **0.32** | - | <0.02 | <0.1 | **0.14** | **0.14** | **0.04** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 20 Nov 2019 | 0861_SW098_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.04** | **0.03** | **0.29** | <0.02 | **0.45** | - | <0.02 | <0.1 | **0.11** | **0.18** | **0.07** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 15 Apr 2020 | 0861_SW098_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.02 | **0.02** | <0.02 | **0.07** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 15 Oct 2020 | 0861_SW098_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.04** | **0.04** | **0.30** | <0.02 | **0.42** | - | <0.02 | **0.12** | **0.15** | **0.16** | **0.05** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 15 Apr 2021 | 0861_SW098_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.02 | <0.02 | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 19 Oct 2021 | 0861_SW098_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.02 | **0.06** | <0.02 | **0.10** | - | <0.02 | <0.1 | **0.02** | **0.03** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 01 Apr 2022 | 0861_SW098_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.02 | <0.01 | <0.02 | **0.02** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 20 Oct 2022 | 0861_SW098_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.03** | **0.02** | **0.18** | <0.02 | **0.25** | - | <0.02 | <0.1 | **0.02** | **0.07** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 18 Apr 2023 | 0861_QC102_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | <0.02 | <0.02 | **0.04** | <0.02 | **0.11** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 18 Apr 2023 | 0861_QC202_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | <0.01 | <0.01 | **0.033** | <0.01 | **0.077** | <0.01 | <0.01 | <0.05 | <0.02 | **0.011** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW098 | 18 Apr 2023 | 0861_SW098_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.02 | **0.05** | <0.02 | **0.12** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 26 Oct 2023 | 0861_SW098_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | **0.03** | **0.03** | **0.20** | <0.02 | **0.34** | - | <0.02 | <0.2 | **0.05** | **0.06** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 12 Apr 2024 | 0861_SW098_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW098 | 08 Nov 2024 | 0861_SW098_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.01** | <0.01 | **0.08** | <0.01 | **0.17** | <0.01 | <0.01 | <0.05 | **0.03** | **0.04** | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW098 | 29 Apr 2025 | 0861_SW098_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | **0.02** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW099 | 15 Sep 2017 | 0861_SW099_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.02 | **0.05** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 07 May 2019 | 0861_SW099_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | **0.03** | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | **0.02** | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 27 Nov 2019 | 0861_SW099_191127 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | **0.02** | <0.02 | **0.08** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 21 Apr 2020 | 0861_SW099_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 15 Oct 2020 | 0861_SW099_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.04** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 13 Apr 2021 | 0861_SW099_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 20 Oct 2021 | 0861_SW099_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.01** | <0.02 | **0.01** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 29 Mar 2022 | 0861_SW099_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 20 Oct 2022 | 0861_SW099_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | **0.04** | <0.02 | **0.08** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 19 Apr 2023 | 0861_SW099_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 24 Oct 2023 | 0861_SW099_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 11 Apr 2024 | 0861_SW099_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW099 | 06 Nov 2024 | 0861_SW099_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | **0.01** | <0.01 | **0.02** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW099 | 29 Apr 2025 | 0861_QC103_250429 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW099 | 29 Apr 2025 | 0861_QC203_250429 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 |
| SW099 | 29 Apr 2025 | 0861_SW099_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW100 | 18 Sep 2017 | 0861_SW100_170918 | QLD_0861_PFAS | Normal | EB1719278 | <0.02 | <0.02 | **0.07** | <0.02 | **0.07** | - | <0.02 | <0.1 | **0.09** | **0.04** | <0.02 | **0.01** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 07 May 2019 | 0861_QC102_190507 | QLD_0861_PFAS | Field_D | EB1911952 | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 07 May 2019 | 0861_QC202_190507 | QLD_0861_PFAS | Interlab_D | 217521 | <0.01 | <0.01 | **0.02** | <0.01 | **0.06** | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW100 | 07 May 2019 | 0861_SW100_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.02 | **0.02** | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 27 Nov 2019 | 0861_QC203_191127 | QLD_0861_PFAS | Interlab_D | 232094-A | <0.01 | <0.01 | **0.02** | <0.01 | **0.07** | - | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.05 |
| SW100 | 27 Nov 2019 | 0861_SW100_191127 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.02 | <0.02 | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 27 Nov 2019 | QC103_191127 | QLD_0861_PFAS | Field_D | EB1934177 | <0.02 | <0.02 | <0.02 | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 21 Apr 2020 | 0861_SW100_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.02 | **0.02** | <0.02 | **0.05** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 16 Oct 2020 | 0861_SW100_201016 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.02 | <0.02 | <0.02 | **0.03** | - | <0.02 | <0.10 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 13 Apr 2021 | 0861_SW100_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.02 | **0.02** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 20 Oct 2021 | 0861_SW100_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.02 | **0.02** | <0.02 | **0.03** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 29 Mar 2022 | 0861_SW100_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.02 | **0.02** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 20 Oct 2022 | 0861_SW100_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.02 | **0.03** | <0.02 | **0.06** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 19 Apr 2023 | 0861_SW100_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.04** | <0.02 | **0.14** | <0.02 | **0.14** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 24 Oct 2023 | 0861_SW100_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AB | <0.02 | <0.02 | **0.01** | <0.02 | **0.04** | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.01 | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | 1 | | 0.03 | | 0.008 | | | | | | | 0.2 | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | 0.13 | | | | | | | 220 | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | 0.00023 | | | | | | | 19 | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | 2 | | 2 | | | | | | | 10 | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| SW100 | 11 Apr 2024 | 0861_SW100_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.02 | <0.01 | <0.02 | <0.01 | - | <0.02 | <0.1 | <0.02 | <0.02 | <0.02 | <0.01 | <0.02 | <0.02 | <0.02 | <0.02 |
| SW100 | 06 Nov 2024 | 0861_SW100_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | **0.02** | <0.01 | **0.04** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW100 | 29 Apr 2025 | 0861_SW100_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW530 | 10 Aug 2021 | 0861_QC102_210810 | QLD_0861_PFASMGMT | Field_D | EB2122528 | **0.15** | **0.11** | **0.57** | **0.02** | **0.66** | - | <0.02 | <0.1 | **0.13** | **0.30** | **0.06** | **0.08** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 10 Aug 2021 | 0861_QC202_210810 | QLD_0861_PFASMGMT | Interlab_D | 817282 | **0.09** | **0.08** | **0.52** | **0.02** | **0.46** | <0.01 | <0.01 | **0.08** | **0.09** | **0.21** | **0.05** | **0.07** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW530 | 10 Aug 2021 | 0861_SW530_210810 | QLD_0861_PFASMGMT | Normal | EB2122528 | **0.15** | **0.11** | **0.55** | **0.02** | **0.59** | - | <0.02 | <0.1 | **0.13** | **0.29** | **0.05** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Oct 2021 | 0861_QC121_211109 | QLD_0861_PFASMGMT | Field_D | EB2132324 | **0.07** | **0.07** | **0.32** | <0.02 | **0.49** | - | <0.02 | <0.1 | **0.08** | **0.16** | **0.04** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0113 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.06** | **0.07** | **0.30** | <0.02 | **0.50** | - | <0.02 | <0.1 | **0.07** | **0.15** | **0.04** | **0.04** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0213 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.06** | **0.05** | **0.31** | <0.02 | **0.52** | - | <0.02 | <0.1 | **0.07** | **0.12** | **0.03** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0413 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.03** | **0.02** | **0.11** | <0.02 | **0.26** | - | <0.02 | <0.1 | **0.02** | **0.04** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_1613 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.05** | **0.03** | **0.22** | <0.02 | **0.39** | - | <0.02 | <0.1 | **0.05** | **0.11** | **0.02** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 13 Oct 2021 | 0861_SW530_211013_0813 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.05** | **0.04** | **0.23** | <0.02 | **0.38** | - | <0.02 | <0.1 | **0.06** | **0.13** | **0.02** | **0.03** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW530 | 12 Nov 2021 | 0861_QC221_211109 | QLD_0861_PFASMGMT | Interlab_D | 841406 | **0.06** | **0.05** | **0.30** | <0.01 | **0.47** | <0.01 | <0.01 | **0.06** | **0.06** | **0.10** | **0.03** | **0.04** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW530 | 30 Apr 2025 | 0861_SW530_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.14** | **0.15** | **0.94** | **0.04** | **1.5** | <0.01 | <0.01 | **0.08** | **0.13** | **0.34** | **0.06** | **0.10** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1325 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.07** | **0.07** | **0.42** | **0.03** | **0.89** | - | <0.02 | <0.1 | **0.12** | **0.17** | **0.04** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1455 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.06** | **0.07** | **0.42** | **0.02** | **0.88** | - | <0.02 | <0.1 | **0.12** | **0.16** | **0.04** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1615 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.07** | **0.06** | **0.39** | **0.02** | **0.81** | - | <0.02 | <0.1 | **0.12** | **0.17** | **0.04** | **0.05** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1725 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.02** | **0.02** | **0.14** | <0.02 | **0.37** | - | <0.02 | <0.1 | **0.04** | **0.06** | <0.02 | **0.02** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 04 Feb 2022 | 0861_SW570_220204_1340 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.08** | **0.08** | **0.44** | **0.03** | **0.81** | - | <0.02 | <0.1 | **0.14** | **0.19** | **0.05** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 05 Feb 2022 | 0861_SW570_220205_1300 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.09** | **0.08** | **0.51** | **0.03** | **0.93** | - | <0.02 | <0.1 | **0.16** | **0.22** | **0.06** | **0.06** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 06 Feb 2022 | 0861_SW570_220206_1230 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.10** | **0.09** | **0.62** | **0.04** | **0.86** | - | <0.02 | <0.1 | **0.12** | **0.22** | **0.06** | **0.07** | <0.02 | <0.02 | <0.02 | <0.02 |
| SW570 | 06 May 2025 | 0861_SW570_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.13** | **0.12** | **0.77** | **0.03** | **0.65** | <0.01 | <0.01 | **0.08** | **0.18** | **0.35** | **0.08** | **0.08** | <0.01 | <0.01 | <0.01 | <0.01 |
| SW656 | 02 May 2025 | 0861_QC108_250502 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW656 | 02 May 2025 | 0861_QC208_250502 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | - | <0.020 | <0.020 | <0.020 | <0.010 | <0.010 | <0.010 | <0.010 | <0.020 | <0.020 | <0.050 |
| SW656 | 02 May 2025 | 0861_SW656_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW658 | 29 Apr 2025 | 0861_SW658_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | **0.02** | <0.01 | **0.01** | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| SW661 | 28 Apr 2025 | 0861_SW661_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.02** | <0.01 | **0.14** | <0.01 | **0.43** | <0.01 | <0.01 | <0.05 | **0.02** | **0.04** | **0.01** | **0.02** | <0.01 | <0.01 | <0.01 | <0.01 |

**Environmental Standards**

HEPA, March 2025, PFAS NEMP 2025 Drinking water quality guideline
HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%
HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW003 | 01 Aug 2012 | RAAF AMB SW106 | QLD_Hist_202012-3 | Normal | EB1220184 | - | - | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| SW003 | 11 Oct 2012 | 5259_SW106_121011 | QLD_Hist_202012-3 | Normal | EB1226594 | - | - | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| SW003 | 17 Jan 2013 | 5259_SW106_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| SW003 | 21 Aug 2013 | E0861_SW106_130821 | QLD_Hist_202012-3 | Normal | EB1320178 | - | - | - | *<0.1* | - | - | - | - | - | - | - | - | - |
| SW003 | 02 Mar 2017 | 0861_SW03_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 29 Apr 2019 | 0861_SW003_190429 | QLD_0861_PFAS | Normal | EB1911387 | *<0.02* | *<0.05* | *<0.05* | **0.43** | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 03 Apr 2020 | 0861_SW003_200403 | QLD_0861_WQMP | Normal | EB2009476 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 05 Aug 2020 | 0861_SW003_200805 | QLD_0861_WQMP | Normal | EB2020602 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 03 Nov 2020 | 0861_SW003_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | *<0.02* | *<0.05* | *<0.05* | **1.36** | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 18 Feb 2021 | 0861_SW003_210218 | QLD_0861_WQMP | Normal | EB2104526 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 30 Mar 2021 | 0861_SW003_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | *<0.02* | *<0.05* | *<0.05* | **0.18** | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 12 Aug 2021 | 0861_QC103_210812 | QLD_0861_WQMP | Field_D | EB2122672 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 12 Aug 2021 | 0861_QC203_210812 | QLD_0861_WQMP | Interlab_D | 816766 | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* |
| SW003 | 12 Aug 2021 | 0861_SW003_210812 | QLD_0861_WQMP | Normal | EB2122672 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 22 Oct 2021 | 0861_SW003_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 16 Feb 2022 | 0861_SW003_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 28 Mar 2022 | 0861_QC168_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | *<0.02* | *<0.05* | *<0.05* | **0.16** | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 28 Mar 2022 | 0861_QC268_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | **0.042** | **0.039** | *<0.01* | **0.12** | *<0.01* | *<0.01* | **0.014** | *<0.02* | **0.027** | *<0.05* | *<0.02* | **0.039** | *<0.05* |
| SW003 | 28 Mar 2022 | 0861_SW003_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | *<0.02* | *<0.05* | *<0.05* | **0.18** | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 09 Jun 2022 | 0861_SW003_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 21 Oct 2022 | 0861_SW003_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 07 Feb 2023 | 0861_SW003_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | *<0.02* | *<0.06* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.06* | *<0.02* | *<0.06* | *<0.06* | *<0.02* | *<0.06* |
| SW003 | 18 Apr 2023 | 0861_SW003_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 18 Aug 2023 | 0861_SW003_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 29 Nov 2023 | 0861_SW003_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 21 Dec 2023 | 0861_SW003_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 10 Apr 2024 | 0861_SW003_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 01 Aug 2024 | 0861_SW003_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 04 Feb 2025 | 0861_SW003_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW003 | 06 May 2025 | 0861_SW003_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* |
| SW004 | 31 May 2017 | 0861_SW04_170531 | QLD_0861_PFAS | Normal | EB1711233 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 02 May 2019 | 0861_SW004_190502 | QLD_0861_PFAS | Normal | EB1911387 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 18 Nov 2019 | 0861_SW004_191118 | QLD_0861_PFAS | Normal | EB1931427 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 14 Apr 2020 | 0861_SW004_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 12 Oct 2020 | 0861_SW004_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 14 Apr 2021 | 0861_SW004_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 19 Oct 2021 | 0861_SW004_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 29 Mar 2022 | 0861_SW004_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 18 Oct 2022 | 0861_SW004_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 28 Apr 2023 | 0861_SW004_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 25 Oct 2023 | 0861_SW004_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 09 Apr 2024 | 0861_SW004_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |
| SW004 | 08 Nov 2024 | 0861_SW004_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* |
| SW004 | 30 Apr 2025 | 0861_QC105_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* |
| SW004 | 30 Apr 2025 | 0861_QC205_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | *<0.10* | *<0.50* | *<0.010* | *<0.010* | *<0.020* | *<0.020* | *<0.10* | *<0.050* | *<0.020* | *<0.050* | *<0.10* | *<0.020* | *<0.50* |
| SW004 | 30 Apr 2025 | 0861_SW004_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | *<0.01* | *<0.01* | *<0.05* | *<0.01* | *<0.01* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* |
| SW005 | 31 May 2017 | 0861_SW05_170531 | QLD_0861_PFAS | Normal | EB1711233 | *<0.02* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.05* | *<0.02* | *<0.05* | *<0.02* | *<0.05* | *<0.05* | *<0.02* | *<0.05* |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW005 | 30 Apr 2019 | 0861_SW005_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 18 Nov 2019 | 0861_SW005_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 14 Apr 2020 | 0861_SW005_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 12 Oct 2020 | 0861_SW005_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 12 Apr 2021 | 0861_SW005_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 19 Oct 2021 | 0861_SW005_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 29 Mar 2022 | 0861_SW005_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 18 Oct 2022 | 0861_QC182_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 18 Oct 2022 | 0861_QC282_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW005 | 18 Oct 2022 | 0861_SW005_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 28 Apr 2023 | 0861_SW005_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW005 | 25 Oct 2023 | 0861_SW005_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 09 Apr 2024 | 0861_SW005_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW005 | 08 Nov 2024 | 0861_SW005_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW005 | 30 Apr 2025 | 0861_SW005_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW008 | 26 Jul 2012 | RAAFAmb SW14 26/07/2012 | QLD_Hist_202012-3 | Normal | EB1219768 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW008 | 09 Oct 2012 | 5259_SW14_121009 | QLD_Hist_202012-3 | Normal | EB1226360 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW008 | 16 Jan 2013 | 5259_SW14_130116 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW008 | 09 Aug 2013 | E0861_SW14_130809 | QLD_Hist_202012-3 | Normal | EB1319278 | - | - | - | **0.3** | - | - | - | - | - | - | - | - | - |
| SW008 | 02 Mar 2017 | 0861_SW08_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 31 May 2017 | 0861_SW08_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 13 Oct 2017 | 0861_SW08_171013 | QLD_Hist_202012-3 | Normal | EB1721221 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 02 May 2019 | 0861_SW008_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 01 Apr 2020 | 0861_SW008_200401 | QLD_0861_WQMP | Normal | EB2009166 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 17 Apr 2020 | 0861_QC106_200417 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | <0.02 | <0.02 | <0.01 | **0.16** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | <0.02 | <0.02 | <0.01 | **0.16** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW008 | 17 Apr 2020 | 0861_SW008_200417 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 05 Aug 2020 | 0861_SW008_200805 | QLD_0861_WQMP | Normal | EB2020602 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 03 Nov 2020 | 0861_SW008_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.04 | <0.09 | <0.05 | **0.06** | <0.05 | <0.05 | <0.04 | <0.09 | <0.04 | <0.09 | <0.09 | <0.04 | <0.09 |
| SW008 | 17 Feb 2021 | 0861_SW008_210217 | QLD_0861_WQMP | Normal | EB2104366 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 15 Apr 2021 | 0861_SW008_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 13 Aug 2021 | 0861_SW008_210813 | QLD_0861_WQMP | Normal | EB2122819 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 26 Oct 2021 | 0861_SW008_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 15 Feb 2022 | 0861_SW008_220215 | QLD_0861_WQMP_22 | Normal | EB2204056 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 28 Mar 2022 | 0861_SW008_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 06 Jun 2022 | 0861_SW008_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 26 Oct 2022 | 0861_SW008_221026 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.05 | <0.13 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.13 | <0.05 | <0.13 | <0.13 | <0.05 | <0.13 |
| SW008 | 06 Feb 2023 | 0861_SW008_230206 | QLD_0861_WQMP_23 | Normal | EB2303185 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW008 | 27 Apr 2023 | 0861_SW008_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | **0.05** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 15 Aug 2023 | 0861_SW008_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 25 Oct 2023 | 0861_SW008_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 20 Dec 2023 | 0861_SW008_231220 | QLD_0861_WQMP_24 | Normal | EB2340474 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 12 Apr 2024 | 0861_SW008_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 30 Jul 2024 | 0861_QC101_240730 | QLD_0861_WQMP_24 | Field_D | EB2425927 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 30 Jul 2024 | 0861_QC201_240730 | QLD_0861_WQMP_24 | Interlab_D | 1123593 | <0.1 | <0.1 | <0.1 | <0.5 | <0.1 | <0.1 | <0.5 | <0.2 | <0.5 | <0.2 | <0.2 | <0.5 | <0.2 |
| SW008 | 30 Jul 2024 | 0861_SW008_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW008 | 06 Nov 2024 | 0861_SW008_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW008 | 04 Feb 2025 | 0861_SW008_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW008 | 30 Apr 2025 | 0861_SW008_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW008 | 01 Aug 2025 | 0861_SW008_250801 | QLD_0861_WQMP_25 | Normal | EB2526631 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 31 May 2017 | 0861_SW09_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 02 May 2019 | 0861_SW009_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 21 Nov 2019 | 0861_SW009_191121 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 15 Apr 2020 | 0861_SW009_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 12 Oct 2020 | 0861_SW009_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 14 Apr 2021 | 0861_SW009_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 22 Oct 2021 | 0861_SW009_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 29 Mar 2022 | 0861_SW009_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 18 Oct 2022 | 0861_SW009_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 28 Apr 2023 | 0861_SW009_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 25 Oct 2023 | 0861_SW009_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 12 Apr 2024 | 0861_SW009_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW009 | 08 Nov 2024 | 0861_SW009_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW009 | 07 May 2025 | 0861_SW009_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW011 | 06 Aug 2012 | RAAF AMB SW01 | QLD_Hist_202012-3 | Normal | EB1220568 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW011 | 12 Oct 2012 | 5259_SW01_121012 | QLD_Hist_202012-3 | Normal | EB1226648 | - | - | - | **0.2** | - | - | - | - | - | - | - | - | - |
| SW011 | 17 Jan 2013 | 5259_SW01_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | **2.6** | - | - | - | - | - | - | - | - | - |
| SW011 | 22 Aug 2013 | E0861_SW01_130822 | QLD_Hist_202012-3 | Normal | EB1320352 | - | - | - | **0.9** | - | - | - | - | - | - | - | - | - |
| SW011 | 28 Feb 2017 | 0861_SW13_170228 | QLD_Hist_202012-3 | Normal | EB1703883 | <0.02 | <0.05 | <0.05 | **0.38** | **0.06** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 13 Sep 2017 | 0861_SW011_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | <0.002 | <0.005 | <0.005 | **5.39** | **0.068** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW011 | 15 Sep 2017 | 0861_SW011_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 06 Oct 2017 | 0861_SW13_17 | QLD_Hist_202012-3 | Normal | EB1720694 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 01 May 2019 | 0861_SW011_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **2.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 31 Mar 2020 | 0861_SW013_200331 | QLD_0861_WQMP | Normal | EB2009056 | <0.03 | <0.08 | <0.05 | **0.11** | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 |
| SW011 | 14 Apr 2020 | 0861_SW011_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 04 Aug 2020 | 0861_SW013_200804 | QLD_0861_WQMP | Normal | EB2020484 | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 |
| SW011 | 03 Nov 2020 | 0861_SW011_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.02 | <0.05 | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 16 Feb 2021 | 0861_SW013_210216 | QLD_0861_WQMP | Normal | EB2104172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 30 Mar 2021 | 0861_SW011_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | **3.33** | **0.10** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 12 Aug 2021 | 0861_SW013_210812 | QLD_0861_WQMP | Normal | EB2122672 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 26 Oct 2021 | 0861_SW011_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 14 Feb 2022 | 0861_SW011_220214 | QLD_0861_WQMP_22 | Normal | EB2203906 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 28 Mar 2022 | 0861_SW011_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **1.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 06 Jun 2022 | 0861_QC100_220606 | QLD_0861_WQMP_22 | Field_D | EB2216009 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 06 Jun 2022 | 0861_QC200_220606 | QLD_0861_WQMP_22 | Interlab_D | 895100 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW011 | 06 Jun 2022 | 0861_SW011_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 08 Feb 2023 | 0861_SW011_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | <0.02 | <0.06 | <0.05 | **8.68** | **0.13** | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW011 | 17 Apr 2023 | 0861_SW011_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 11 Aug 2023 | 0861_SW011_230811 | QLD_0861_WQMP_23 | Normal | EB2324799 | <0.02 | <0.05 | <0.05 | **1.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 24 Oct 2023 | 0861_SW011_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 19 Dec 2023 | 0861_SW011_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | <0.02 | <0.05 | <0.05 | **0.49** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 09 Apr 2024 | 0861_SW011_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 30 Jul 2024 | 0861_SW011_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

JBS&G

## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| Location Code | Date | Field ID | Project ID | Sample Type | Lab Report Number | | | | | | | | | | | | | |
| SW011 | 31 Oct 2024 | 0861_SW011_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW011 | 19 Feb 2025 | 0861_SW011_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW011 | 07 May 2025 | 0861_SW011_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.1 | <0.1 | <0.1 | <0.5 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| SW015 | 05 Jun 2017 | 0861_SW15_170605 | QLD_0861_PFAS | Normal | EB1711471 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 30 Apr 2019 | 0861_SW015_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 18 Nov 2019 | 0861_SW015_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 14 Apr 2020 | 0861_SW015_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 12 Oct 2020 | 0861_SW015_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 12 Apr 2021 | 0861_SW015_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 19 Oct 2021 | 0861_SW015_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 29 Mar 2022 | 0861_SW015_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 18 Oct 2022 | 0861_SW015_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 26 Apr 2023 | 0861_SW015_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 25 Oct 2023 | 0861_SW015_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 09 Apr 2024 | 0861_SW015_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW015 | 07 Nov 2024 | 0861_SW015_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW015 | 30 Apr 2025 | 0861_SW015_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW016 | 05 Jun 2017 | 0861_SW16_170605 | QLD_0861_PFAS | Normal | EB1711471 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 30 Apr 2019 | 0861_SW016_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 18 Nov 2019 | 0861_SW016_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 14 Apr 2020 | 0861_SW016_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 12 Oct 2020 | 0861_SW016_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 12 Apr 2021 | 0861_QC141_210412 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 12 Apr 2021 | 0861_QC241_210412 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW016 | 12 Apr 2021 | 0861_SW016_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 19 Oct 2021 | 0861_SW016_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 29 Mar 2022 | 0861_SW016_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 18 Oct 2022 | 0861_SW016_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 28 Apr 2023 | 0861_SW016_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 25 Oct 2023 | 0861_SW016_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 09 Apr 2024 | 0861_SW016_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW016 | 06 Nov 2024 | 0861_SW016_241105 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW016 | 30 Apr 2025 | 0861_SW016_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW018 | 01 Jun 2017 | 0861_SW18_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 30 Apr 2019 | 0861_SW018_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 19 Nov 2019 | 0861_SW018_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 29 Mar 2020 | 0861_SW002_200403 | QLD_0861_WQMP | Normal | EB2009476 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 14 Apr 2020 | 0861_SW018_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 05 Aug 2020 | 0861_SW002_200805 | QLD_0861_WQMP | Normal | EB2020602 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 12 Oct 2020 | 0861_SW018_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 18 Feb 2021 | 0861_SW002_210218 | QLD_0861_WQMP | Normal | EB2104526 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 12 Apr 2021 | 0861_SW018_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 13 Aug 2021 | 0861_SW002_210813 | QLD_0861_WQMP | Normal | EB2122819 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 19 Oct 2021 | 0861_SW018_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 16 Feb 2022 | 0861_SW018_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 29 Mar 2022 | 0861_SW018_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 09 Jun 2022 | 0861_SW018_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW018 | 18 Oct 2022 | 0861_SW018_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 06 Feb 2023 | 0861_SW018_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW018 | 15 Aug 2023 | 0861_SW018_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 25 Oct 2023 | 0861_SW018_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 21 Dec 2023 | 0861_SW018_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 09 Apr 2024 | 0861_SW018_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 01 Aug 2024 | 0861_SW018_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 06 Nov 2024 | 0861_QC101_241106 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW018 | 06 Nov 2024 | 0861_QC201_241106 | QLD_0861_PFASOMP_24a | Interlab_D | 366777 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW018 | 06 Nov 2024 | 0861_SW018_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW018 | 19 Feb 2025 | 0861_SW018_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW018 | 30 Apr 2025 | 0861_SW018_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW020 | 01 Jun 2017 | 0861_SW20_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 30 Apr 2019 | 0861_SW020_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 19 Nov 2019 | 0861_SW020_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 20 Nov 2019 | 0861_SW020_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 14 Apr 2020 | 0861_SW020_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 12 Oct 2020 | 0861_QC119_201012 | QLD_0861_PFASOMP | Field_D | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 12 Oct 2020 | 0861_QC219_201012 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW020 | 12 Oct 2020 | 0861_SW020_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 12 Apr 2021 | 0861_SW020_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 19 Oct 2021 | 0861_SW020_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 29 Mar 2022 | 0861_SW020_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 18 Oct 2022 | 0861_QC185_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 18 Oct 2022 | 0861_QC285_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW020 | 18 Oct 2022 | 0861_SW020_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 28 Apr 2023 | 0861_SW020_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 25 Oct 2023 | 0861_SW020_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 09 Apr 2024 | 0861_QC101_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 09 Apr 2024 | 0861_QC201_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW020 | 09 Apr 2024 | 0861_SW020_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW020 | 06 Nov 2024 | 0861_SW020_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW020 | 30 Apr 2025 | 0861_SW020_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW021 | 14 Sep 2017 | 0861_SW021_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | **0.11** | <0.05 | **0.05** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW021 | 20 Apr 2020 | 0861_SW021_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.06 | <0.16 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| SW021 | 03 Nov 2020 | 0861_QC135_201103 | QLD_0861_PFASOMP | Field_D | EB2028860 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.06** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW021 | 03 Nov 2020 | 0861_SW021_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW021 | 30 Mar 2021 | 0861_SW021_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | **0.03** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW021 | 21 Oct 2021 | 0861_SW021_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW021 | 31 Mar 2022 | 0861_SW021_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW021 | 21 Oct 2022 | 0861_SW021_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW021 | 26 Apr 2023 | 0861_SW021_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW021 | 29 Nov 2023 | 0861_SW021_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW021 | 10 Apr 2024 | 0861_SW021_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW021 | 01 Nov 2024 | 0861_SW021_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW021 | 28 Apr 2025 | 0861_SW021_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW022 | 31 May 2017 | 0861_SW22_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.05 | <0.05 | **0.22** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW022 | 30 Apr 2025 | 0861_QC104_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | **0.19** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW022 | 30 Apr 2025 | 0861_QC204_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.10 | <0.50 | <0.010 | **0.19** | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 |
| SW022 | 30 Apr 2025 | 0861_SW022_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | **0.22** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW023 | 31 May 2017 | 0861_SW23_170531 | QLD_0861_PFAS | Normal | EB1711233 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW023 | 30 Apr 2025 | 0861_SW023_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW025 | 01 Jun 2017 | 0861_SW25_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 07 May 2019 | 0861_SW025_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 19 Nov 2019 | 0861_QC101_191119 | QLD_0861_PFAS | Field_D | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 19 Nov 2019 | 0861_SW025_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 20 Nov 2019 | 0861_QC201_191119 | QLD_0861_PFAS | Interlab_D | 231783 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW025 | 29 Nov 2019 | 0861_SW25_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 15 Apr 2020 | 0861_QC102_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW025 | 15 Apr 2020 | 0861_SW025_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 14 Oct 2020 | 0861_SW025_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 21 Apr 2021 | 0861_QC151_210421 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 21 Apr 2021 | 0861_QC251_210421 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW025 | 21 Apr 2021 | 0861_SW025_210421 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 22 Oct 2021 | 0861_SW025_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 28 Mar 2022 | 0861_SW025_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 20 Oct 2022 | 0861_SW025_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 26 Apr 2023 | 0861_SW025_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 26 Oct 2023 | 0861_SW025_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 12 Apr 2024 | 0861_QC105_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 12 Apr 2024 | 0861_QC205_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW025 | 12 Apr 2024 | 0861_SW025_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW025 | 12 Nov 2024 | 0861_QC102_241112 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW025 | 12 Nov 2024 | 0861_QC202_241112 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW025 | 12 Nov 2024 | 0861_SW025_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW025 | 01 May 2025 | 0861_SW025_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW026 | 02 Jun 2017 | 0861_SW26_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 07 May 2019 | 0861_SW026_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 27 Nov 2019 | 0861_QC101_191127 | QLD_0861_PFAS | Field_D | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 27 Nov 2019 | 0861_QC201_191127 | QLD_0861_PFAS | Interlab_D | 232094 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW026 | 27 Nov 2019 | 0861_SW026_191127 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 21 Apr 2020 | 0861_SW026_200421 | QLD_0861_PFASOMP | Normal | EB2011255 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 15 Oct 2020 | 0861_SW026_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 16 Apr 2021 | 0861_SW026_210416 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 20 Oct 2021 | 0861_SW026_211020 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 01 Apr 2022 | 0861_SW026_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 20 Oct 2022 | 0861_SW026_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 19 Apr 2023 | 0861_SW026_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 24 Oct 2023 | 0861_SW026_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 11 Apr 2024 | 0861_QC103_240411 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW026 | 11 Apr 2024 | 0861_QC203_240411 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW026 | 11 Apr 2024 | 0861_SW026_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW026 | 08 Nov 2024 | 0861_SW026_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW026 | 29 Apr 2025 | 0861_SW026_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW027 | 30 Mar 2021 | 0861_SW027_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 26 Oct 2021 | 0861_SW027_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 28 Mar 2022 | 0861_SW027_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW027 | 21 Oct 2022 | 0861_SW027_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 17 Apr 2023 | 0861_SW027_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 29 Nov 2023 | 0861_SW027_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 09 Apr 2024 | 0861_SW027_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW027 | 28 Oct 2024 | 0861_SW027_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW027 | 06 May 2025 | 0861_SW027_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW028 | 01 Jun 2017 | 0861_SW28_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 02 May 2019 | 0861_SW028_190502 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 14 Apr 2020 | 0861_QC100_200414 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW028 | 14 Apr 2020 | 0861_SW028_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 03 Nov 2020 | 0861_SW028_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 12 Apr 2021 | 0861_SW028_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | **0.48** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 19 Oct 2021 | 0861_QC153_211019 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 19 Oct 2021 | 0861_QC253_211019 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW028 | 19 Oct 2021 | 0861_SW028_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 29 Mar 2022 | 0861_SW028_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 09 May 2023 | 0861_SW028_230509 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 10 Aug 2023 | 0861_SW028_230810 | QLD_0861_Stage2_23 | Normal | 1018693 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW028 | 25 Oct 2023 | 0861_SW028_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 09 Apr 2024 | 0861_QC100_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 09 Apr 2024 | 0861_QC200_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW028 | 09 Apr 2024 | 0861_SW028_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW028 | 07 Nov 2024 | 0861_QC105_241107 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW028 | 07 Nov 2024 | 0861_SW028_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW028 | 30 Apr 2025 | 0861_SW028_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW030 | 29 Apr 2019 | 0861_SW030_1904029 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 03 Nov 2020 | 0861_SW030_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 30 Mar 2021 | 0861_SW030_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | **1.99** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 26 Oct 2021 | 0861_SW030_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | **0.72** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 28 Mar 2022 | 0861_SW030_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 21 Oct 2022 | 0861_SW030_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | **0.69** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 17 Apr 2023 | 0861_SW030_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | **0.37** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 24 Oct 2023 | 0861_SW030_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 09 Apr 2024 | 0861_SW030_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | **0.39** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW030 | 07 May 2025 | 0861_QC111_250507 | QLD_0861_PFASOMP_25 | Field_D | 1217988 | <0.01 | <0.01 | <0.01 | **0.10** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW030 | 07 May 2025 | 0861_QC211_250507 | QLD_0861_PFASOMP_25 | Interlab_D | 380690 | <0.1 | <0.5 | <0.01 | **0.08** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW030 | 07 May 2025 | 0861_SW030_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | **0.05** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW032 | 02 Aug 2012 | RAAF AMB SW15 2/8/12 | QLD_Hist_202012-3 | Normal | EB1220352 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW032 | 10 Oct 2012 | 5259_SW15_121010 | QLD_Hist_202012-3 | Normal | EB1226543 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |
| SW032 | 20 Aug 2013 | E0861_SW15_130820 | QLD_Hist_202012-3 | Normal | EB1320096 | - | - | - | <0.1 | - | - | - | - | - | - | - | - | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW032 | 02 Mar 2017 | 0861_SW32_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | <0.02 | <0.05 | <0.05 | **0.12** | **0.13** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 16 Oct 2017 | 0861_sW32_171016 | QLD_Hist_202012-3 | Normal | EB1721395 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 03 Apr 2020 | 0861_SW032_200403 | QLD_0861_WQMP | Normal | EB2009476 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 18 Feb 2021 | 0861_SW032_210218 | QLD_0861_WQMP | Normal | EB2104526 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 13 Aug 2021 | 0861_SW032_210813 | QLD_0861_WQMP | Normal | EB2122819 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 16 Feb 2022 | 0861_SW032_220216 | QLD_0861_WQMP_22 | Normal | EB2204253 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 09 Jun 2022 | 0861_SW032_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 07 Feb 2023 | 0861_SW032_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW032 | 18 Aug 2023 | 0861_SW032_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 21 Dec 2023 | 0861_SW032_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 01 Aug 2024 | 0861_SW032_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 19 Feb 2025 | 0861_SW032_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW032 | 30 Apr 2025 | 0861_SW032_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW033 | 14 Sep 2017 | 0861_SW033_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | **0.26** | <0.05 | **0.08** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 03 May 2019 | 0861_SW033_190503 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.07** | **0.46** | <0.05 | **0.19** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 27 Apr 2020 | 0861_SW033_200427 | QLD_0861_PFASOMP | Normal | EB2011562 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.08** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 15 Apr 2021 | 0861_SW033_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | **0.14** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW033 | 26 Oct 2021 | 0861_SW033_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.11** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 05 Apr 2022 | 0861_SW033_220405 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | **0.24** | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW033 | 25 Oct 2022 | 0861_QC195_221025 | QLD_0861_PFASOMP | Field_D | EB2231825 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.19** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 25 Oct 2022 | 0861_QC295_221025 | QLD_0861_PFASOMP | Interlab_D | RN1371573 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | **0.084** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW033 | 25 Oct 2022 | 0861_SW033_221025 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.16** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW033 | 29 Nov 2023 | 0861_SW033_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | **0.03** | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW033 | 02 May 2025 | 0861_SW033_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | **0.01** | <0.01 | **0.13** | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW034 | 01 Jun 2017 | 0861_SW34_170601 | QLD_0861_PFAS | Normal | EB1711387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 30 Apr 2019 | 0861_SW034_190430 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 19 Nov 2019 | 0861_SW034_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 14 Apr 2020 | 0861_SW034_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 12 Oct 2020 | 0861_SW034_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 12 Apr 2021 | 0861_SW034_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 19 Oct 2021 | 0861_SW034_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 29 Mar 2022 | 0861_SW034_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 18 Oct 2022 | 0861_SW034_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 28 Apr 2023 | 0861_SW034_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 25 Oct 2023 | 0861_SW034_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 09 Apr 2024 | 0861_SW034_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW034 | 06 Nov 2024 | 0861_SW034_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW034 | 30 Apr 2025 | 0861_SW034_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW036 | 30 May 2017 | 0861_SW36_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW036 | 18 Jan 2018 | 0861_SW036_180119 | QLD_0861_PFAS | Normal | EB1802500 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 01 May 2019 | 0861_SW036_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 15 Apr 2020 | 0861_SW036_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 14 Oct 2020 | 0861_SW036_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 14 Apr 2021 | 0861_QC142_210414 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 14 Apr 2021 | 0861_QC242_210414 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW036 | 14 Apr 2021 | 0861_SW036_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 20 Oct 2021 | 0861_QC155_211020 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW036 | 20 Oct 2021 | 0861_QC255_211020 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW036 | 20 Oct 2021 | 0861_SW036_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 01 Apr 2022 | 0861_QC178_220401 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 01 Apr 2022 | 0861_QC278_220401 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW036 | 01 Apr 2022 | 0861_SW036_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 19 Oct 2022 | 0861_SW036_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 22 May 2023 | 0861_SW036_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 24 Oct 2023 | 0861_SW036_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 11 Apr 2024 | 0861_SW036_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW036 | 08 Nov 2024 | 0861_SW036_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW036 | 01 May 2025 | 0861_SW036_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW037 | 13 Sep 2017 | 0861_QC101_170913 | QLD_0861_PFAS | Field_D | EB1719017 | <0.002 | <0.005 | <0.005 | **0.992** | **0.115** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW037 | 13 Sep 2017 | 0861_QC201_170914 | QLD_0861_PFAS | Interlab_D | 175963 | <0.01 | <0.05 | <0.01 | **1.0** | **0.14** | **0.002** | <0.01 | <0.005 | <0.002 | <0.005 | <0.01 | <0.002 | <0.05 |
| SW037 | 13 Sep 2017 | 0861_SW037_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | <0.002 | <0.005 | <0.005 | **0.984** | **0.143** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW037 | 01 May 2019 | 0861_QC101_190501 | QLD_0861_PFAS | Field_D | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 01 May 2019 | 0861_QC201_190501 | QLD_0861_PFAS | Interlab_D | 217104 | <0.1 | <0.5 | <0.01 | **0.03** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW037 | 01 May 2019 | 0861_SW037_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 19 Nov 2019 | 0861_SW037_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | **1.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 15 Apr 2020 | 0861_SW037_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.10 | <0.25 | <0.10 | **0.29** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW037 | 14 Oct 2020 | 0861_SW037_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.10 | <0.25 | <0.10 | **0.80** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW037 | 30 Mar 2021 | 0861_QC139_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW037 | 30 Mar 2021 | 0861_QC239_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | <0.02 | <0.02 | <0.01 | **0.043** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW037 | 30 Mar 2021 | 0861_SW037_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW037 | 26 Oct 2021 | 0861_SW037_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 30 Mar 2022 | 0861_SW037_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 21 Oct 2022 | 0861_SW037_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 18 Apr 2023 | 0861_SW037_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 27 Oct 2023 | 0861_SW037_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | **0.12** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 10 Apr 2024 | 0861_SW037_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW037 | 31 Oct 2024 | 0861_SW037_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW037 | 01 May 2025 | 0861_SW037_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW038 | 17 Oct 2017 | 0861_SW038_171020 | QLD_0861_PFAS | Normal | EB1721894 | <0.002 | <0.005 | <0.005 | **0.013** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW038 | 13 May 2019 | 0861_SW038_190513 | QLD_0861_PFAS | Normal | EB1912390 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 29 Nov 2019 | 0861_SW038_191126 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 14 Apr 2020 | 0861_SW038_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 03 Nov 2020 | 0861_SW038_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.02 | <0.05 | <0.05 | **1.32** | **0.34** | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 30 Mar 2021 | 0861_QC137_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 30 Mar 2021 | 0861_QC237_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW038 | 30 Mar 2021 | 0861_SW038_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 25 Oct 2021 | 0861_SW038_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 30 Mar 2022 | 0861_SW038_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 24 Oct 2022 | 0861_SW038_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 29 Nov 2023 | 0861_SW038_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW038 | 06 Nov 2024 | 0861_SW038_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | **0.09** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW039 | 30 May 2017 | 0861_SW39_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW039 | 19 Nov 2019 | 0861_SW039_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 29 Nov 2019 | 0861_SW39_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW039 | 15 Apr 2020 | 0861_SW039_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 14 Oct 2020 | 0861_SW039_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 30 Mar 2021 | 0861_SW039_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 22 Oct 2021 | 0861_QC159_211022 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 22 Oct 2021 | 0861_QC259_211022 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW039 | 22 Oct 2021 | 0861_SW039_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 28 Mar 2022 | 0861_QC169_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.05 | <0.05 | **0.29** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 28 Mar 2022 | 0861_QC269_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW039 | 28 Mar 2022 | 0861_SW039_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 20 Oct 2022 | 0861_SW039_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 26 Apr 2023 | 0861_SW039_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 26 Oct 2023 | 0861_SW039_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 12 Apr 2024 | 0861_SW039_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW039 | 12 Nov 2024 | 0861_SW039_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW039 | 01 May 2025 | 0861_SW039_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW040 | 02 Jun 2017 | 0861_SW40_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 06 May 2019 | 0861_SW040_190506 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 20 Nov 2019 | 0861_SW040_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 15 Apr 2020 | 0861_SW040_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 15 Oct 2020 | 0861_SW040_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 15 Apr 2021 | 0861_SW040_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 19 Oct 2021 | 0861_SW040_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 28 Mar 2022 | 0861_SW040_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 20 Oct 2022 | 0861_SW040_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 18 Apr 2023 | 0861_SW040_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 26 Oct 2023 | 0861_SW040_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 12 Apr 2024 | 0861_SW040_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW040 | 12 Nov 2024 | 0861_SW040_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW040 | 01 May 2025 | 0861_SW040_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW041 | 17 Oct 2017 | 0861_QC108_171020 | QLD_0861_PFAS | Field_D | EB1721894 | <0.002 | <0.005 | <0.005 | **0.426** | **0.054** | <0.005 | **0.015** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW041 | 17 Oct 2017 | 0861_SW041_171020 | QLD_0861_PFAS | Normal | EB1721894 | <0.002 | <0.005 | <0.005 | **0.389** | **0.042** | <0.005 | **0.012** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW041 | 20 Oct 2017 | 0861_QC208_171020 | QLD_0861_PFAS | Interlab_D | 178423 | <0.1 | <0.5 | <0.01 | **0.31** | **0.03** | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW041 | 20 Oct 2017 | 0861-QC208-171020 | QLD_0861_PFAS | Interlab_D | 178596 | <0.01 | <0.05 | <0.005 | **0.37** | **0.064** | <0.001 | <0.01 | <0.02 | <0.002 | <0.005 | <0.05 | <0.002 | <0.05 |
| SW041 | 08 May 2019 | 0861_QC102_190508 | QLD_0861_PFAS | Field_D | EB1911952 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 08 May 2019 | 0861_SW041_190508 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | **0.07** | **0.07** | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 19 Nov 2019 | 0861_SW041_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | **0.22** | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 15 Apr 2020 | 0861_SW041_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.10 | <0.25 | <0.10 | **0.27** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW041 | 06 Aug 2020 | 0861_SW001_200806 | QLD_0861_WQMP | Normal | EB2020759 | <0.07 | <0.19 | <0.07 | <0.07 | <0.07 | <0.07 | <0.07 | <0.19 | <0.07 | <0.19 | <0.19 | <0.07 | <0.19 |
| SW041 | 15 Oct 2020 | 0861_SW041_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW041 | 18 Feb 2021 | 0861_SW001_210218 | QLD_0861_WQMP | Normal | EB2104539 | <0.02 | <0.05 | <0.05 | **0.06** | **0.08** | <0.05 | **0.07** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 30 Mar 2021 | 0861_SW041_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW041 | 26 Oct 2021 | 0861_SW041_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 17 Feb 2022 | 0861_SW041_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW041 | 28 Mar 2022 | 0861_SW041_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 10 Jun 2022 | 0861_SW041_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW041 | 20 Oct 2022 | 0861_QC189_221020 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 20 Oct 2022 | 0861_QC289_221020 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW041 | 20 Oct 2022 | 0861_SW041_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 08 Feb 2023 | 0861_SW041_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW041 | 18 Apr 2023 | 0861_SW041_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.04 | <0.10 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 |
| SW041 | 14 Aug 2023 | 0861_SW041_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW041 | 19 Dec 2023 | 0861_SW041_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 12 Apr 2024 | 0861_SW041_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 31 Jul 2024 | 0861_SW041_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW041 | 05 Nov 2024 | 0861_SW041_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW041 | 05 Feb 2025 | 0861_SW041_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW041 | 06 May 2025 | 0861_SW041_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW041 | 07 Aug 2025 | 0861_SW041_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 05 Jun 2017 | 0861_SW43_170605 | QLD_0861_PFAS | Normal | EB1711471 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 19 Nov 2019 | 0861_SW043_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 29 Nov 2019 | 0861_SW043_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 28 Apr 2020 | 0861_SW043_200428 | QLD_0861_PFASOMP | Normal | EB2011568 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 15 Oct 2020 | 0861_QC127_201015 | QLD_0861_PFASOMP | Field_D | EB2027176-AB | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 15 Oct 2020 | 0861_QC227_201015 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW043 | 15 Oct 2020 | 0861_SW043_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 15 Apr 2021 | 0861_SW043_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 22 Oct 2021 | 0861_SW043_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 04 Apr 2022 | 0861_SW043_220404 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 20 Oct 2022 | 0861_SW043_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 19 Apr 2023 | 0861_SW043_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 26 Oct 2023 | 0861_SW043_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 11 Apr 2024 | 0861_SW043_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW043 | 12 Nov 2024 | 0861_SW043_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW043 | 29 Apr 2025 | 0861_SW043_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW045 | 02 Jun 2017 | 0861_SW45_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 06 May 2019 | 0861_SW045_190506 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 20 Nov 2019 | 0861_QC105_191120 | QLD_0861_PFAS | Field_D | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 20 Nov 2019 | 0861_QC205_191120 | QLD_0861_PFAS | Interlab_D | 232494 | <0.1 | <0.5 | <0.01 | **0.01** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW045 | 20 Nov 2019 | 0861_SW045_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 15 Apr 2020 | 0861_SW045_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 15 Oct 2020 | 0861_SW045_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 15 Apr 2021 | 0861_SW045_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 19 Oct 2021 | 0861_SW045_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 29 Mar 2022 | 0861_SW045_220329 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 20 Oct 2022 | 0861_SW045_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 18 Apr 2023 | 0861_SW045_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 26 Oct 2023 | 0861_SW045_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 12 Apr 2024 | 0861_QC104_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 12 Apr 2024 | 0861_QC204_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW045 | 12 Apr 2024 | 0861_SW045_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW045 | 12 Nov 2024 | 0861_SW045_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW045 | 29 Apr 2025 | 0861_SW045_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW047 | 02 Jun 2017 | 0861_SW47_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 01 May 2019 | 0861_SW047_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.23** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW047 | 20 Nov 2019 | 0861_SW047_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 15 Apr 2020 | 0861_SW047_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.12** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 13 Oct 2020 | 0861_SW047_201013 | QLD_0861_PFASOMP | Normal | EB2027172 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 14 Apr 2021 | 0861_SW047_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 20 Oct 2021 | 0861_SW047_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 31 Mar 2022 | 0861_SW047_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 19 Oct 2022 | 0861_SW047_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 22 May 2023 | 0861_SW047_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 23 Oct 2023 | 0861_SW047_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 11 Apr 2024 | 0861_SW047_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW047 | 18 Nov 2024 | 0861_SW047_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW047 | 28 Apr 2025 | 0861_SW047_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW048 | 18 Sep 2017 | 0861_QC103_170918 | QLD_0861_PFAS | Field_D | EB1719278 | <0.02 | <0.05 | <0.05 | **3.03** | **0.60** | <0.05 | **0.09** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 18 Sep 2017 | 0861_QC203_170918 | QLD_0861_PFAS | Field_D | EB1719278 | <0.02 | <0.05 | <0.05 | **3.05** | **0.59** | <0.05 | **0.09** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 18 Sep 2017 | 0861_SW048_170918 | QLD_0861_PFAS | Normal | EB1719278 | <0.02 | <0.05 | <0.05 | **3.17** | **0.76** | <0.05 | **0.12** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 28 Mar 2022 | 0861_SW048_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 21 Oct 2022 | 0861_SW048_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 27 Apr 2023 | 0861_SW048_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | **0.31** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 27 Oct 2023 | 0861_SW048_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | **0.76** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW048 | 28 Oct 2024 | 0861_SW048_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.01** | <0.01 | <0.01 | **0.34** | **0.03** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW048 | 06 May 2025 | 0861_SW048_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW049 | 14 Sep 2017 | 0861_SW049_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 10 May 2019 | 0861_SW049_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 20 Apr 2020 | 0861_QC108_200420 | QLD_0861_PFASOMP | Field_D | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 20 Apr 2020 | 0861_QC208_200420 | QLD_0861_PFASOMP | Interlab_D | RN1274652 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW049 | 20 Apr 2020 | 0861_SW049_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 13 Oct 2020 | 0861_SW049_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW049 | 13 Apr 2021 | 0861_SW049_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 20 Oct 2021 | 0861_SW049_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 31 Mar 2022 | 0861_SW049_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 19 Oct 2022 | 0861_QC187_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW049 | 19 Oct 2022 | 0861_QC287_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW049 | 19 Oct 2022 | 0861_SW049_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW049 | 26 Apr 2023 | 0861_SW049_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 28 Oct 2023 | 0861_SW049_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333894-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 10 Apr 2024 | 0861_QC102_240410 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 10 Apr 2024 | 0861_QC202_240410 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW049 | 10 Apr 2024 | 0861_SW049_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW049 | 01 Nov 2024 | 0861_SW049_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW049 | 28 Apr 2025 | 0861_SW049_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW050 | 30 May 2017 | 0861_SW50_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW050 | 01 May 2019 | 0861_SW050_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 19 Nov 2019 | 0861_SW050_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 15 Apr 2020 | 0861_SW050_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 14 Oct 2020 | 0861_SW050_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.05 | <0.12 | <0.05 | **0.06** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW050 | 14 Apr 2021 | 0861_SW050_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 19 Oct 2021 | 0861_SW050_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW050 | 01 Apr 2022 | 0861_SW050_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 11 May 2023 | 0861_SW050_230511 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 24 Oct 2023 | 0861_SW050_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 11 Apr 2024 | 0861_SW050_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW050 | 04 Nov 2024 | 0861_SW050_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW050 | 01 May 2025 | 0861_QC107_250501 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW050 | 01 May 2025 | 0861_QC207_250501 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.10 | <0.50 | <0.010 | **0.017** | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 |
| SW050 | 01 May 2025 | 0861_SW050_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW051 | 02 Jun 2017 | 0861_SW51_170602 | QLD_0861_PFAS | Normal | EB1711373 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 01 May 2019 | 0861_SW051_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.16** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 19 Nov 2019 | 0861_SW051_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 20 Nov 2019 | 0861_SW051_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 15 Apr 2020 | 0861_SW051_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 14 Oct 2020 | 0861_SW051_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 13 Apr 2021 | 0861_SW051_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 19 Oct 2021 | 0861_SW051_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 01 Apr 2022 | 0861_SW051_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 20 Oct 2022 | 0861_SW051_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 19 Apr 2023 | 0861_SW051_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 24 Oct 2023 | 0861_SW051_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 11 Apr 2024 | 0861_SW051_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW051 | 04 Nov 2024 | 0861_SW051_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW051 | 29 Apr 2025 | 0861_SW051_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW052 | 30 May 2017 | 0861_QC01_SW_170530 | QLD_0861_PFAS | Field_D | ES1713428 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW052 | 30 May 2017 | 0861_QC02_SW_170530 | QLD_0861_PFAS | Interlab_D | 168440 | <0.01 | <0.05 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.005 | <0.002 | <0.005 | <0.01 | <0.002 | <0.05 |
| SW052 | 30 May 2017 | 0861_SW52_170530 | QLD_0861_PFAS | Normal | ES1713428 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW052 | 10 May 2019 | 0861_SW052_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 20 Nov 2019 | 0861_SW052_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 20 Apr 2020 | 0861_SW052_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 13 Oct 2020 | 0861_SW052_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW052 | 13 Apr 2021 | 0861_SW052_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 20 Oct 2021 | 0861_SW052_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 31 Mar 2022 | 0861_SW052_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 19 Oct 2022 | 0861_SW052_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 26 Apr 2023 | 0861_SW052_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 10 Apr 2024 | 0861_SW052_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW052 | 18 Nov 2024 | 0861_QC101_241118 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW052 | 18 Nov 2024 | 0861_QC201_241118 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | <0.1 | <0.5 | <0.01 | <0.01 | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW052 | 18 Nov 2024 | 0861_SW052_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW052 | 28 Apr 2025 | 0861_SW052_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW053 | 17 Oct 2017 | 0861_SW053_171020 | QLD_0861_PFAS | Normal | EB1721894 | <0.002 | <0.005 | <0.005 | **0.012** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW053 | 03 Dec 2019 | SW053_191203 | QLD_0861_PFAS | Normal | EB1932627 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 21 Apr 2020 | 0861_SW053_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 21 Oct 2020 | 0861_SW053_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 19 Apr 2021 | 0861_SW053_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 25 Oct 2021 | 0861_SW053_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 06 Apr 2022 | 0861_SW053_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW053 | 24 Oct 2022 | 0861_SW053_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 21 Apr 2023 | 0861_SW053_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 29 Nov 2023 | 0861_SW053_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 18 Apr 2024 | 0861_SW053_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW053 | 05 Nov 2024 | 0861_SW053_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW053 | 06 May 2025 | 0861_SW053_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW056 | 14 Sep 2017 | 0861_SW056_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 01 May 2019 | 0861_SW056_190401 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 18 Nov 2019 | 0861_QC101_191118 | QLD_0861_PFAS | Field_D | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 18 Nov 2019 | 0861_QC202_191118 | QLD_0861_PFAS | Interlab_D | 231783 | <0.1 | <0.5 | <0.01 | **0.01** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW056 | 19 Nov 2019 | 0861_SW056_191118 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 21 Nov 2019 | 0861_QC102_191118 | QLD_0861_PFAS | Field_D | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 15 Apr 2020 | 0861_QC104_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | <0.02 | <0.02 | <0.01 | **0.14** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | <0.02 | <0.02 | <0.01 | **0.14** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW056 | 15 Apr 2020 | 0861_SW056_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.13** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 19 Oct 2020 | 0861_QC131_201019 | QLD_0861_PFASOMP | Field_D | EB2027539 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 19 Oct 2020 | 0861_QC231_201019 | QLD_0861_PFASOMP | Interlab_D | RN1292508 | <0.02 | <0.02 | <0.01 | **0.013** | <0.01 | <0.01 | **0.014** | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW056 | 19 Oct 2020 | 0861_SW056_201019 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 30 Mar 2021 | 0861_SW056_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.02 | <0.05 | <0.05 | **0.25** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 26 Oct 2021 | 0861_SW056_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | **0.10** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 28 Mar 2022 | 0861_SW056_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **0.16** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 21 Oct 2022 | 0861_QC191_221021 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 21 Oct 2022 | 0861_QC291_221021 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | <0.02 | <0.02 | <0.01 | **0.036** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW056 | 21 Oct 2022 | 0861_SW056_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 18 Apr 2023 | 0861_SW056_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 24 Oct 2023 | 0861_SW056_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | **0.05** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 09 Apr 2024 | 0861_SW056_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW056 | 28 Oct 2024 | 0861_SW056_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW056 | 07 May 2025 | 0861_SW056_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | **0.07** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW059 | 13 Sep 2017 | 0861_SW059_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | <0.002 | <0.005 | <0.005 | **0.007** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW059 | 29 Apr 2019 | 0861_SW059_190429 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.46** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 03 Nov 2020 | 0861_SW059_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | <0.02 | <0.05 | <0.05 | **0.13** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 30 Mar 2021 | 0861_SW059_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.10 | <0.25 | <0.10 | **3.08** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW059 | 26 Oct 2021 | 0861_SW059_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 28 Mar 2022 | 0861_SW059_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 21 Oct 2022 | 0861_SW059_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | **0.11** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 17 Apr 2023 | 0861_QC101_230417 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 17 Apr 2023 | 0861_QC201_230417 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW059 | 17 Apr 2023 | 0861_SW059_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 27 Oct 2023 | 0861_SW059_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 09 Apr 2024 | 0861_SW059_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | **0.32** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW059 | 31 Oct 2024 | 0861_SW059_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW059 | 01 May 2025 | 0861_SW059_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | **0.14** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW064 | 19 Oct 2017 | 0861_SW064_171019 | QLD_0861_PFAS | Normal | EB1721835 | <0.002 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW064 | 19 Apr 2021 | 0861_SW064_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 25 Oct 2021 | 0861_SW064_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW064 | 06 Apr 2022 | 0861_QC180_220406 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 06 Apr 2022 | 0861_QC280_220406 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW064 | 06 Apr 2022 | 0861_SW064_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW064 | 24 Oct 2022 | 0861_SW064_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 21 Apr 2023 | 0861_SW064_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 29 Nov 2023 | 0861_SW064_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 18 Apr 2024 | 0861_SW064_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW064 | 06 May 2025 | 0861_SW064_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW067 | 17 Oct 2017 | 0861_SW067_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.005** | <0.005 | <0.005 | **0.026** | **0.029** | <0.005 | **0.003** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW067 | 03 Dec 2019 | SW067_191203 | QLD_0861_PFAS | Normal | EB1932627 | <0.25 | <0.62 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 |
| SW067 | 21 Apr 2020 | 0861_SW067_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.03 | <0.08 | <0.05 | <0.05 | <0.05 | <0.05 | <0.03 | <0.08 | <0.03 | <0.08 | <0.08 | <0.03 | <0.08 |
| SW067 | 21 Oct 2020 | 0861_SW067_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW067 | 19 Apr 2021 | 0861_SW067_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW067 | 25 Oct 2021 | 0861_SW067_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW067 | 24 Oct 2022 | 0861_SW067_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW067 | 21 Apr 2023 | 0861_SW067_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW067 | 29 Nov 2023 | 0861_SW067_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW067 | 06 May 2025 | 0861_SW067_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW076 | 13 Sep 2017 | 0861_SW076_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | <0.002 | <0.005 | <0.005 | **0.038** | <0.005 | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW076 | 01 May 2019 | 0861_SW076_190501 | QLD_0861_PFAS | Normal | EB1911387 | <0.02 | <0.05 | <0.05 | **0.35** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 15 Apr 2020 | 0861_SW076_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.21** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 10 Nov 2020 | 0861_SW076_201110 | QLD_0861_PFASOMP | Normal | EB2029508 | <0.02 | <0.05 | <0.05 | **0.28** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 30 Mar 2021 | 0861_SW076_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.10 | <0.25 | <0.10 | **2.26** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW076 | 26 Oct 2021 | 0861_SW076_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | **0.18** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 28 Mar 2022 | 0861_SW076_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | **0.28** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 18 Apr 2023 | 0861_QC103_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | <0.02 | <0.05 | <0.05 | **0.17** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 18 Apr 2023 | 0861_QC203_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | <0.02 | <0.02 | <0.01 | **0.16** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW076 | 18 Apr 2023 | 0861_SW076_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | **0.20** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 27 Oct 2023 | 0861_SW076_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 09 Apr 2024 | 0861_SW076_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW076 | 28 Oct 2024 | 0861_SW076_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | <0.01 | <0.01 | <0.01 | **0.18** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW076 | 07 May 2025 | 0861_SW076_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW079 | 17 Oct 2017 | 0861_SW079_171020 | QLD_0861_PFAS | Normal | EB1721894 | <0.002 | <0.005 | <0.005 | **0.514** | **0.078** | <0.005 | **0.028** | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW079 | 21 Apr 2020 | 0861_SW079_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.06 | <0.16 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| SW079 | 21 Oct 2020 | 0861_SW079_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.04 | <0.11 | <0.05 | **0.06** | <0.05 | <0.05 | <0.04 | <0.11 | <0.04 | <0.11 | <0.11 | <0.04 | <0.11 |
| SW079 | 19 Apr 2021 | 0861_QC145_210419 | QLD_0861_PFASOMP | Field_D | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW079 | 19 Apr 2021 | 0861_QC245_210419 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | <0.02 | <0.02 | <0.01 | **0.04** | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW079 | 19 Apr 2021 | 0861_SW079_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | **0.02** | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW079 | 25 Oct 2021 | 0861_SW079_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW079 | 06 Apr 2022 | 0861_SW079_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.06 | <0.05 | **0.08** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW079 | 24 Oct 2022 | 0861_SW079_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW079 | 21 Apr 2023 | 0861_SW079_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW079 | 29 Nov 2023 | 0861_SW079_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW079 | 18 Apr 2024 | 0861_SW079_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW079 | 05 Nov 2024 | 0861_QC102_241105 | QLD_0861_PFASOMP_24a | Field_D | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW079 | 05 Nov 2024 | 0861_QC202_241105 | QLD_0861_PFASOMP_24a | Interlab_D | 365856 | <0.1 | <0.5 | <0.01 | **0.02** | <0.02 | <0.02 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW079 | 05 Nov 2024 | 0861_SW079_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

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## Table C-4: Historical Surface Water Analytical Summary

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW079 | 06 May 2025 | 0861_SW079_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 17 Oct 2017 | 0861_SW080_171020 | QLD_0861_PFAS | Normal | EB1721894 | <0.002 | <0.005 | <0.005 | **0.045** | **0.008** | <0.005 | <0.002 | <0.005 | <0.002 | <0.005 | <0.005 | <0.002 | <0.005 |
| SW080 | 13 May 2019 | 0861_SW080_190513 | QLD_0861_PFAS | Normal | EB1912390 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW080 | 03 Dec 2019 | 0861_QC203_191203 | QLD_0861_PFAS | Interlab_D | 232657 | <0.1 | <0.5 | <0.01 | **0.11** | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW080 | 03 Dec 2019 | QC103_191203 | QLD_0861_PFAS | Field_D | EB1932627 | <0.02 | <0.05 | <0.05 | **0.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW080 | 03 Dec 2019 | SW080_191203 | QLD_0861_PFAS | Normal | EB1932627 | <0.25 | <0.62 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.62 | <0.25 | <0.62 | <0.62 | <0.25 | <0.62 |
| SW080 | 21 Apr 2020 | 0861_SW080_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.06 | <0.16 | <0.06 | <0.06 | <0.06 | <0.06 | <0.06 | <0.16 | <0.06 | <0.16 | <0.16 | <0.06 | <0.16 |
| SW080 | 06 Aug 2020 | 0861_SW033_200806 | QLD_0861_WQMP | Normal | EB2020759 | <0.18 | <0.45 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.45 | <0.18 | <0.45 | <0.45 | <0.18 | <0.45 |
| SW080 | 21 Oct 2020 | 0861_SW080_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | <0.04 | <0.10 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.10 | <0.04 | <0.10 | <0.10 | <0.04 | <0.10 |
| SW080 | 18 Feb 2021 | 0861_SW033_210218 | QLD_0861_WQMP | Normal | EB2104539 | <0.10 | <0.25 | <0.10 | **0.17** | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW080 | 19 Apr 2021 | 0861_SW080_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 12 Aug 2021 | 0861_SW033_210812 | QLD_0861_WQMP | Normal | EB2122672 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW080 | 25 Oct 2021 | 0861_SW080_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW080 | 17 Feb 2022 | 0861_SW080_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | <0.05 | <0.12 | <0.05 | **0.06** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 06 Apr 2022 | 0861_SW080_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.06 | <0.05 | **0.14** | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW080 | 10 Jun 2022 | 0861_SW080_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | <0.05 | <0.12 | <0.05 | <0.10 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 24 Oct 2022 | 0861_SW080_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | <0.10 | <0.25 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.25 | <0.10 | <0.25 | <0.25 | <0.10 | <0.25 |
| SW080 | 08 Feb 2023 | 0861_SW080_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW080 | 21 Apr 2023 | 0861_SW080_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.05 | <0.12 | <0.05 | **0.05** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 14 Aug 2023 | 0861_SW080_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | <0.05 | <0.12 | <0.05 | **0.05** | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 29 Nov 2023 | 0861_SW080_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW080 | 19 Dec 2023 | 0861_SW080_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.04 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW080 | 18 Apr 2024 | 0861_SW080_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.11 | <0.26 | <0.11 | <0.11 | <0.11 | <0.11 | <0.11 | <0.26 | <0.11 | <0.26 | <0.26 | <0.11 | <0.26 |
| SW080 | 31 Jul 2024 | 0861_SW080_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 05 Nov 2024 | 0861_SW080_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 05 Feb 2025 | 0861_SW080_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | <0.05 | <0.12 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.12 | <0.05 | <0.12 | <0.12 | <0.05 | <0.12 |
| SW080 | 06 May 2025 | 0861_SW080_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | <0.05 | **0.02** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW080 | 07 Aug 2025 | 0861_SW080_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | <0.02 | <0.06 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.06 | <0.02 | <0.06 | <0.06 | <0.02 | <0.06 |
| SW088 | 15 Sep 2017 | 0861_SW088_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 20 Apr 2020 | 0861_SW088_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 13 Oct 2020 | 0861_SW088_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 13 Apr 2021 | 0861_SW088_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 20 Oct 2021 | 0861_SW088_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 31 Mar 2022 | 0861_QC175_220331 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 31 Mar 2022 | 0861_QC275_220331 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW088 | 31 Mar 2022 | 0861_SW088_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 19 Oct 2022 | 0861_SW088_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 22 May 2023 | 0861_SW088_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 23 Oct 2023 | 0861_SW088_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 10 Apr 2024 | 0861_SW088_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW088 | 18 Nov 2024 | 0861_SW088_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW088 | 28 Apr 2025 | 0861_SW088_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW089 | 14 Sep 2017 | 0861_SW089_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 10 May 2019 | 0861_SW089_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 20 Apr 2020 | 0861_SW089_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 13 Apr 2021 | 0861_SW089_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 20 Oct 2021 | 0861_SW089_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW089 | 31 Mar 2022 | 0861_SW089_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 19 Oct 2022 | 0861_SW089_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 22 May 2023 | 0861_SW089_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 23 Oct 2023 | 0861_SW089_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 10 Apr 2024 | 0861_SW089_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW089 | 18 Nov 2024 | 0861_SW089_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW089 | 02 May 2025 | 0861_SW089_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW090 | 14 Sep 2017 | 0861_SW090_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 10 May 2019 | 0861_QC101_190510 | QLD_0861_PFAS | Field_D | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 10 May 2019 | 0861_QC201_190510 | QLD_0861_PFAS | Interlab_D | 217521 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW090 | 10 May 2019 | 0861_SW90_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 20 Apr 2020 | 0861_SW090_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 13 Oct 2020 | 0861_SW090_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 14 Apr 2021 | 0861_SW090_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 21 Oct 2021 | 0861_SW090_211021 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 31 Mar 2022 | 0861_SW090_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 21 Oct 2022 | 0861_SW090_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 22 May 2023 | 0861_QC112_230522 | QLD_0861_PFASOMP_23 | Field_D | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 22 May 2023 | 0861_SW090_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 23 Oct 2023 | 0861_SW090_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 10 Apr 2024 | 0861_SW090_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW090 | 18 Nov 2024 | 0861_SW090_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW090 | 02 May 2025 | 0861_SW090_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW091 | 14 Sep 2017 | 0861_SW091_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 20 Apr 2020 | 0861_SW091_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 14 Apr 2021 | 0861_SW091_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 21 Oct 2021 | 0861_SW091_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 31 Mar 2022 | 0861_SW091_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 21 Oct 2022 | 0861_SW091_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 22 May 2023 | 0861_SW091_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 10 Apr 2024 | 0861_SW091_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW091 | 18 Nov 2024 | 0861_SW091_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW091 | 02 May 2025 | 0861_SW091_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW094 | 15 Sep 2017 | 0861_SW094_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 15 Apr 2020 | 0861_SW094_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | <0.02 | <0.05 | <0.05 | **0.09** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 14 Oct 2020 | 0861_SW094_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 14 Apr 2021 | 0861_SW094_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 22 Oct 2021 | 0861_SW094_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 01 Apr 2022 | 0861_SW094_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 19 Oct 2022 | 0861_SW094_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 22 May 2023 | 0861_SW094_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 24 Oct 2023 | 0861_SW094_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 11 Apr 2024 | 0861_SW094_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW094 | 08 Nov 2024 | 0861_SW094_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW094 | 01 May 2025 | 0861_SW094_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW096 | 18 Sep 2017 | 0861_SW096_170918 | QLD_0861_PFAS | Normal | EB1719278 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW096 | 29 Apr 2025 | 0861_SW096_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW098 | 15 Sep 2017 | 0861_SW098_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 06 May 2019 | 0861_SW098_190506 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | **0.15** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 20 Nov 2019 | 0861_SW098_191120 | QLD_0861_PFAS | Normal | EB1931427 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 15 Apr 2020 | 0861_SW098_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 15 Oct 2020 | 0861_SW098_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 15 Apr 2021 | 0861_SW098_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 19 Oct 2021 | 0861_SW098_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 01 Apr 2022 | 0861_SW098_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 20 Oct 2022 | 0861_SW098_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 18 Apr 2023 | 0861_QC102_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 18 Apr 2023 | 0861_QC202_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.05 | <0.02 | <0.01 | <0.05 |
| SW098 | 18 Apr 2023 | 0861_SW098_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 26 Oct 2023 | 0861_SW098_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 12 Apr 2024 | 0861_SW098_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW098 | 08 Nov 2024 | 0861_SW098_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | **0.08** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW098 | 29 Apr 2025 | 0861_SW098_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW099 | 15 Sep 2017 | 0861_SW099_170915 | QLD_0861_PFAS | Normal | EB1719132 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 07 May 2019 | 0861_SW099_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 27 Nov 2019 | 0861_SW099_191127 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 21 Apr 2020 | 0861_SW099_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 15 Oct 2020 | 0861_SW099_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 13 Apr 2021 | 0861_SW099_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 20 Oct 2021 | 0861_SW099_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 29 Mar 2022 | 0861_SW099_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 20 Oct 2022 | 0861_SW099_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 19 Apr 2023 | 0861_SW099_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 24 Oct 2023 | 0861_SW099_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 11 Apr 2024 | 0861_SW099_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW099 | 06 Nov 2024 | 0861_SW099_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW099 | 29 Apr 2025 | 0861_QC103_250429 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW099 | 29 Apr 2025 | 0861_QC203_250429 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.10 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 |
| SW099 | 29 Apr 2025 | 0861_SW099_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW100 | 18 Sep 2017 | 0861_SW100_170918 | QLD_0861_PFAS | Normal | EB1719278 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 07 May 2019 | 0861_QC102_190507 | QLD_0861_PFAS | Field_D | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 07 May 2019 | 0861_QC202_190507 | QLD_0861_PFAS | Interlab_D | 217521 | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW100 | 07 May 2019 | 0861_SW100_190507 | QLD_0861_PFAS | Normal | EB1911952 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 27 Nov 2019 | 0861_QC203_191127 | QLD_0861_PFAS | Interlab_D | 232094-A | <0.1 | <0.5 | <0.01 | <0.01 | <0.01 | <0.01 | <0.1 | <0.05 | <0.02 | <0.05 | <0.1 | <0.02 | <0.5 |
| SW100 | 27 Nov 2019 | 0861_SW100_191127 | QLD_0861_PFAS | Normal | EB1932183 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 27 Nov 2019 | QC103_191127 | QLD_0861_PFAS | Field_D | EB1934177 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 21 Apr 2020 | 0861_SW100_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 16 Oct 2020 | 0861_SW100_201016 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 13 Apr 2021 | 0861_SW100_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 20 Oct 2021 | 0861_SW100_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 29 Mar 2022 | 0861_SW100_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 20 Oct 2022 | 0861_SW100_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 19 Apr 2023 | 0861_SW100_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 24 Oct 2023 | 0861_SW100_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AB | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.10 | <0.02 | <0.05 | <0.10 | <0.02 | <0.05 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.005 | 0.002 | 0.005 | 0.005 | 0.002 | 0.005 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | | | | | | | | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | |
| SW100 | 11 Apr 2024 | 0861_SW100_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW100 | 06 Nov 2024 | 0861_SW100_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW100 | 29 Apr 2025 | 0861_SW100_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW530 | 10 Aug 2021 | 0861_QC102_210810 | QLD_0861_PFASMGMT | Field_D | EB2122528 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 10 Aug 2021 | 0861_QC202_210810 | QLD_0861_PFASMGMT | Interlab_D | 817282 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW530 | 10 Aug 2021 | 0861_SW530_210810 | QLD_0861_PFASMGMT | Normal | EB2122528 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Oct 2021 | 0861_QC121_211109 | QLD_0861_PFASMGMT | Field_D | EB2132324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0113 | QLD_0861_PFASMGMT | Normal | EB2132324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0213 | QLD_0861_PFASMGMT | Normal | EB2132324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0413 | QLD_0861_PFASMGMT | Normal | EB2132324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_1613 | QLD_0861_PFASMGMT | Normal | EB2132324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 13 Oct 2021 | 0861_SW530_211013_0813 | QLD_0861_PFASMGMT | Normal | EB2132324 | <0.02 | <0.05 | <0.05 | **0.05** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW530 | 12 Nov 2021 | 0861_QC221_211109 | QLD_0861_PFASMGMT | Interlab_D | 841406 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW530 | 30 Apr 2025 | 0861_SW530_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | **0.12** | **0.01** | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1325 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1455 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1615 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | **0.07** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1725 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 04 Feb 2022 | 0861_SW570_220204_1340 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 05 Feb 2022 | 0861_SW570_220205_1300 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 06 Feb 2022 | 0861_SW570_220206_1230 | QLD_0861_PFASMGMT | Normal | EB2203324 | <0.02 | <0.05 | <0.05 | **0.06** | <0.05 | <0.05 | <0.02 | <0.05 | <0.02 | <0.05 | <0.05 | <0.02 | <0.05 |
| SW570 | 06 May 2025 | 0861_SW570_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | <0.01 | <0.01 | <0.01 | **0.26** | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW656 | 02 May 2025 | 0861_QC108_250502 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW656 | 02 May 2025 | 0861_QC208_250502 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | <0.10 | <0.50 | <0.010 | <0.010 | <0.020 | <0.020 | <0.10 | <0.050 | <0.020 | <0.050 | <0.10 | <0.020 | <0.50 |
| SW656 | 02 May 2025 | 0861_SW656_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW658 | 29 Apr 2025 | 0861_SW658_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| SW661 | 28 Apr 2025 | 0861_SW661_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

**Environmental Standards**

HEPA, March 2025, PFAS NEMP 2025 Drinking water quality guideline
HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%
HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW003 | 01 Aug 2012 | RAAF AMB SW106 | QLD_Hist_202012-3 | Normal | EB1220184 | - | - | - | - | - | - | - |
| SW003 | 11 Oct 2012 | 5259_SW106_121011 | QLD_Hist_202012-3 | Normal | EB1226594 | - | - | - | - | - | - | - |
| SW003 | 17 Jan 2013 | 5259_SW106_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | - | - | - |
| SW003 | 21 Aug 2013 | E0861_SW106_130821 | QLD_Hist_202012-3 | Normal | EB1320178 | - | - | - | - | - | - | - |
| SW003 | 02 Mar 2017 | 0861_SW03_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW003 | 29 Apr 2019 | 0861_SW003_190429 | QLD_0861_PFAS | Normal | EB1911387 | **5.47** | - | **8.65** | - | - | **9.15** | - |
| SW003 | 03 Apr 2020 | 0861_SW003_200403 | QLD_0861_WQMP | Normal | EB2009476 | **0.15** | - | **0.18** | - | - | **0.18** | - |
| SW003 | 05 Aug 2020 | 0861_SW003_200805 | QLD_0861_WQMP | Normal | EB2020602 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW003 | 03 Nov 2020 | 0861_SW003_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **4.83** | - | **8.81** | - | - | **9.17** | - |
| SW003 | 18 Feb 2021 | 0861_SW003_210218 | QLD_0861_WQMP | Normal | EB2104526 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW003 | 30 Mar 2021 | 0861_SW003_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **3.10** | - | **5.92** | - | - | **6.26** | - |
| SW003 | 12 Aug 2021 | 0861_QC103_210812 | QLD_0861_WQMP | Field_D | EB2122672 | **0.08** | - | **0.14** | - | - | **0.14** | - |
| SW003 | 12 Aug 2021 | 0861_QC203_210812 | QLD_0861_WQMP | Interlab_D | 816766 | **0.08** | - | **0.16** | - | - | **0.16** | - |
| SW003 | 12 Aug 2021 | 0861_SW003_210812 | QLD_0861_WQMP | Normal | EB2122672 | **0.08** | - | **0.14** | - | - | **0.14** | - |
| SW003 | 22 Oct 2021 | 0861_SW003_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | **1.43** | - | **2.03** | - | - | **2.14** | - |
| SW003 | 16 Feb 2022 | 0861_SW003_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW003 | 28 Mar 2022 | 0861_QC168_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | **6.06** | - | **10.9** | - | - | **12.0** | - |
| SW003 | 28 Mar 2022 | 0861_QC268_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW003 | 28 Mar 2022 | 0861_SW003_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **6.95** | - | **12.2** | - | - | **13.2** | - |
| SW003 | 09 Jun 2022 | 0861_SW003_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW003 | 21 Oct 2022 | 0861_SW003_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.43** | - | **0.60** | - | - | **0.60** | - |
| SW003 | 07 Feb 2023 | 0861_SW003_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW003 | 18 Apr 2023 | 0861_SW003_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **2.31** | - | **3.18** | - | - | **3.36** | - |
| SW003 | 18 Aug 2023 | 0861_SW003_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | **2.51** | - | **3.66** | - | - | **4.05** | - |
| SW003 | 29 Nov 2023 | 0861_SW003_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **1.12** | - | **1.63** | - | - | **1.69** | - |
| SW003 | 21 Dec 2023 | 0861_SW003_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW003 | 10 Apr 2024 | 0861_SW003_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.85** | - | **1.25** | - | - | **1.29** | - |
| SW003 | 01 Aug 2024 | 0861_SW003_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW003 | 04 Feb 2025 | 0861_SW003_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | *<0.01* | - | *<0.01* | *<0.05* | - | *<0.01* | - |
| SW003 | 06 May 2025 | 0861_SW003_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **3.5** | - | **5.98** | - | - | **6.45** | - |
| SW004 | 31 May 2017 | 0861_SW04_170531 | QLD_0861_PFAS | Normal | EB1711233 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW004 | 02 May 2019 | 0861_SW004_190502 | QLD_0861_PFAS | Normal | EB1911387 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW004 | 18 Nov 2019 | 0861_SW004_191118 | QLD_0861_PFAS | Normal | EB1931427 | **0.11** | - | **0.11** | - | - | **0.11** | - |
| SW004 | 14 Apr 2020 | 0861_SW004_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW004 | 12 Oct 2020 | 0861_SW004_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW004 | 14 Apr 2021 | 0861_SW004_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.10** | - | **0.12** | - | - | **0.12** | - |
| SW004 | 19 Oct 2021 | 0861_SW004_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW004 | 29 Mar 2022 | 0861_SW004_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.14** | - | **0.14** | - | - | **0.14** | - |
| SW004 | 18 Oct 2022 | 0861_SW004_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW004 | 28 Apr 2023 | 0861_SW004_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW004 | 25 Oct 2023 | 0861_SW004_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW004 | 09 Apr 2024 | 0861_SW004_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW004 | 08 Nov 2024 | 0861_SW004_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.01** | - | *<0.05* | - | - | *<0.1* | - |
| SW004 | 30 Apr 2025 | 0861_QC105_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW004 | 30 Apr 2025 | 0861_QC205_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | **0.023** | - | - | - | - | **0.023** | - |
| SW004 | 30 Apr 2025 | 0861_SW004_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW005 | 31 May 2017 | 0861_SW05_170531 | QLD_0861_PFAS | Normal | EB1711233 | **1.64** | - | **1.78** | - | - | **1.82** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW005 | 30 Apr 2019 | 0861_SW005_190430 | QLD_0861_PFAS | Normal | EB1911387 | **4.76** | - | **5.57** | - | - | **5.84** | - |
| SW005 | 18 Nov 2019 | 0861_SW005_191118 | QLD_0861_PFAS | Normal | EB1931427 | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW005 | 14 Apr 2020 | 0861_SW005_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.10** | - | **0.10** | - | - | **0.10** | - |
| SW005 | 12 Oct 2020 | 0861_SW005_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **4.28** | - | **5.20** | - | - | **5.44** | - |
| SW005 | 12 Apr 2021 | 0861_SW005_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW005 | 19 Oct 2021 | 0861_SW005_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW005 | 29 Mar 2022 | 0861_SW005_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.12** | - | **0.12** | - | - | **0.12** | - |
| SW005 | 18 Oct 2022 | 0861_QC182_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | **1.76** | - | **2.05** | - | - | **2.15** | - |
| SW005 | 18 Oct 2022 | 0861_QC282_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW005 | 18 Oct 2022 | 0861_SW005_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **1.74** | - | **2.03** | - | - | **2.13** | - |
| SW005 | 28 Apr 2023 | 0861_SW005_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **17.6** | - | **22.0** | - | - | **23.4** | - |
| SW005 | 25 Oct 2023 | 0861_SW005_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW005 | 09 Apr 2024 | 0861_SW005_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW005 | 08 Nov 2024 | 0861_SW005_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.02** | - | *<0.05* | - | - | *<0.1* | - |
| SW005 | 30 Apr 2025 | 0861_SW005_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW008 | 26 Jul 2012 | RAAFAmb SW14 26/07/2012 | QLD_Hist_202012-3 | Normal | EB1219768 | - | - | - | - | - | - | - |
| SW008 | 09 Oct 2012 | 5259_SW14_121009 | QLD_Hist_202012-3 | Normal | EB1226360 | - | - | - | - | - | - | - |
| SW008 | 16 Jan 2013 | 5259_SW14_130116 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | - | - | - |
| SW008 | 09 Aug 2013 | E0861_SW14_130809 | QLD_Hist_202012-3 | Normal | EB1319278 | - | - | - | - | - | - | - |
| SW008 | 02 Mar 2017 | 0861_SW08_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | **1.27** | - | **1.88** | - | - | **1.93** | - |
| SW008 | 31 May 2017 | 0861_SW08_170531 | QLD_0861_PFAS | Normal | EB1711233 | **3.47** | - | **5.21** | - | - | **5.73** | - |
| SW008 | 13 Oct 2017 | 0861_SW08_171013 | QLD_Hist_202012-3 | Normal | EB1721221 | **0.64** | - | **0.76** | - | - | **0.79** | - |
| SW008 | 02 May 2019 | 0861_SW008_190502 | QLD_0861_PFAS | Normal | EB1911387 | **0.74** | - | **1.17** | - | - | **1.23** | - |
| SW008 | 01 Apr 2020 | 0861_SW008_200401 | QLD_0861_WQMP | Normal | EB2009166 | **2.58** | - | **3.50** | - | - | **3.66** | - |
| SW008 | 17 Apr 2020 | 0861_QC106_200417 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | **1.51** | - | **2.36** | - | - | **2.48** | - |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW008 | 17 Apr 2020 | 0861_QC206_200417 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW008 | 17 Apr 2020 | 0861_SW008_200417 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **1.35** | - | **1.96** | - | - | **2.07** | - |
| SW008 | 05 Aug 2020 | 0861_SW008_200805 | QLD_0861_WQMP | Normal | EB2020602 | **1.01** | - | **1.50** | - | - | **1.56** | - |
| SW008 | 03 Nov 2020 | 0861_SW008_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **1.43** | - | **1.87** | - | - | **1.93** | - |
| SW008 | 17 Feb 2021 | 0861_SW008_210217 | QLD_0861_WQMP | Normal | EB2104366 | **1.11** | - | **1.48** | - | - | **1.57** | - |
| SW008 | 15 Apr 2021 | 0861_SW008_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.53** | - | **0.64** | - | - | **0.67** | - |
| SW008 | 13 Aug 2021 | 0861_SW008_210813 | QLD_0861_WQMP | Normal | EB2122819 | **0.80** | - | **1.24** | - | - | **1.29** | - |
| SW008 | 26 Oct 2021 | 0861_SW008_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.67** | - | **0.80** | - | - | **0.83** | - |
| SW008 | 15 Feb 2022 | 0861_SW008_220215 | QLD_0861_WQMP_22 | Normal | EB2204056 | **2.18** | - | **3.22** | - | - | **3.42** | - |
| SW008 | 28 Mar 2022 | 0861_SW008_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.34** | - | **0.43** | - | - | **0.43** | - |
| SW008 | 06 Jun 2022 | 0861_SW008_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | **0.23** | - | **0.29** | - | - | **0.29** | - |
| SW008 | 26 Oct 2022 | 0861_SW008_221026 | QLD_0861_PFASOMP | Normal | EB2231825 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW008 | 06 Feb 2023 | 0861_SW008_230206 | QLD_0861_WQMP_23 | Normal | EB2303185 | **0.28** | - | **0.30** | - | - | **0.30** | - |
| SW008 | 27 Apr 2023 | 0861_SW008_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **1.44** | - | **2.10** | - | - | **2.21** | - |
| SW008 | 15 Aug 2023 | 0861_SW008_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | **0.69** | - | **1.01** | - | - | **1.07** | - |
| SW008 | 25 Oct 2023 | 0861_SW008_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.62** | - | **0.85** | - | - | **0.89** | - |
| SW008 | 20 Dec 2023 | 0861_SW008_231220 | QLD_0861_WQMP_24 | Normal | EB2340474 | **0.41** | - | **0.49** | - | - | **0.49** | - |
| SW008 | 12 Apr 2024 | 0861_SW008_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **4.19** | - | **5.59** | - | - | **5.90** | - |
| SW008 | 30 Jul 2024 | 0861_QC101_240730 | QLD_0861_WQMP_24 | Field_D | EB2425927 | **0.90** | - | **1.38** | - | - | **1.45** | - |
| SW008 | 30 Jul 2024 | 0861_QC201_240730 | QLD_0861_WQMP_24 | Interlab_D | 1123593 | **0.58** | - | **0.8** | - | - | **0.8** | - |
| SW008 | 30 Jul 2024 | 0861_SW008_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | **0.91** | - | **1.39** | - | - | **1.46** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW008 | 06 Nov 2024 | 0861_SW008_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **2.9** | - | **4.08** | - | - | **4.35** | - |
| SW008 | 04 Feb 2025 | 0861_SW008_250204 | QLD_0861_WQMP_25 | Normal | EB2503898 | **2.16** | - | **2.74** | *<0.05* | - | **2.85** | - |
| SW008 | 30 Apr 2025 | 0861_SW008_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **4.7** | - | **6.53** | - | - | **7.1** | - |
| SW008 | 01 Aug 2025 | 0861_SW008_250801 | QLD_0861_WQMP_25 | Normal | EB2526631 | **0.14** | - | **0.14** | - | - | **0.14** | - |
| SW009 | 31 May 2017 | 0861_SW09_170531 | QLD_0861_PFAS | Normal | EB1711233 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW009 | 02 May 2019 | 0861_SW009_190502 | QLD_0861_PFAS | Normal | EB1911387 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW009 | 21 Nov 2019 | 0861_SW009_191121 | QLD_0861_PFAS | Normal | EB1931427 | **0.45** | - | **0.57** | - | - | **0.59** | - |
| SW009 | 15 Apr 2020 | 0861_SW009_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.18** | - | **0.23** | - | - | **0.23** | - |
| SW009 | 12 Oct 2020 | 0861_SW009_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.07** | - | **0.11** | - | - | **0.11** | - |
| SW009 | 14 Apr 2021 | 0861_SW009_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW009 | 22 Oct 2021 | 0861_SW009_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW009 | 29 Mar 2022 | 0861_SW009_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **1.80** | - | **2.43** | - | - | **2.56** | - |
| SW009 | 18 Oct 2022 | 0861_SW009_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **1.37** | - | **2.13** | - | - | **2.28** | - |
| SW009 | 28 Apr 2023 | 0861_SW009_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW009 | 25 Oct 2023 | 0861_SW009_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW009 | 12 Apr 2024 | 0861_SW009_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW009 | 08 Nov 2024 | 0861_SW009_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW009 | 07 May 2025 | 0861_SW009_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW011 | 06 Aug 2012 | RAAF AMB SW01 | QLD_Hist_202012-3 | Normal | EB1220568 | - | - | - | - | - | - | - |
| SW011 | 12 Oct 2012 | 5259_SW01_121012 | QLD_Hist_202012-3 | Normal | EB1226648 | - | - | - | - | - | - | - |
| SW011 | 17 Jan 2013 | 5259_SW01_130117 | QLD_Hist_202012-3 | Normal | EB1301006 | - | - | - | - | - | - | - |
| SW011 | 22 Aug 2013 | E0861_SW01_130822 | QLD_Hist_202012-3 | Normal | EB1320352 | - | - | - | - | - | - | - |
| SW011 | 28 Feb 2017 | 0861_SW13_170228 | QLD_Hist_202012-3 | Normal | EB1703883 | **13.8** | - | **17.3** | - | - | **18.2** | - |
| SW011 | 13 Sep 2017 | 0861_SW011_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | **36.3** | - | **33.2** | - | - | **57.2** | - |
| SW011 | 15 Sep 2017 | 0861_SW011_170915 | QLD_0861_PFAS | Normal | EB1719132 | **3.19** | - | **3.83** | - | - | **4.03** | - |
| SW011 | 06 Oct 2017 | 0861_SW13_17 | QLD_Hist_202012-3 | Normal | EB1720694 | **4.33** | - | **5.47** | - | - | **5.88** | - |
| SW011 | 01 May 2019 | 0861_SW011_190501 | QLD_0861_PFAS | Normal | EB1911387 | **4.43** | - | **9.82** | - | - | **10.2** | - |
| SW011 | 31 Mar 2020 | 0861_SW013_200331 | QLD_0861_WQMP | Normal | EB2009056 | **6.84** | - | **8.35** | - | - | **8.78** | - |
| SW011 | 14 Apr 2020 | 0861_SW011_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.65** | - | **0.76** | - | - | **0.78** | - |
| SW011 | 04 Aug 2020 | 0861_SW013_200804 | QLD_0861_WQMP | Normal | EB2020484 | **7.79** | - | **10.1** | - | - | **10.7** | - |
| SW011 | 03 Nov 2020 | 0861_SW011_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **3.26** | - | **4.64** | - | - | **4.84** | - |
| SW011 | 16 Feb 2021 | 0861_SW013_210216 | QLD_0861_WQMP | Normal | EB2104172 | **4.71** | - | **5.62** | - | - | **5.86** | - |
| SW011 | 30 Mar 2021 | 0861_SW011_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **9.72** | - | **17.1** | - | - | **17.8** | - |
| SW011 | 12 Aug 2021 | 0861_SW013_210812 | QLD_0861_WQMP | Normal | EB2122672 | **2.23** | - | **2.79** | - | - | **2.99** | - |
| SW011 | 26 Oct 2021 | 0861_SW011_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **3.87** | - | **4.87** | - | - | **5.12** | - |
| SW011 | 14 Feb 2022 | 0861_SW011_220214 | QLD_0861_WQMP_22 | Normal | EB2203906 | **4.30** | - | **5.13** | - | - | **5.45** | - |
| SW011 | 28 Mar 2022 | 0861_SW011_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **2.48** | - | **4.60** | - | - | **4.78** | - |
| SW011 | 06 Jun 2022 | 0861_QC100_220606 | QLD_0861_WQMP_22 | Field_D | EB2216009 | **2.57** | - | **3.37** | - | - | **3.54** | - |
| SW011 | 06 Jun 2022 | 0861_QC200_220606 | QLD_0861_WQMP_22 | Interlab_D | 895100 | **2.4** | - | **3.14** | - | - | **3.34** | - |
| SW011 | 06 Jun 2022 | 0861_SW011_220606 | QLD_0861_WQMP_22 | Normal | EB2216009 | **3.02** | - | **3.89** | - | - | **4.08** | - |
| SW011 | 08 Feb 2023 | 0861_SW011_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **4.99** | - | **19.2** | - | - | **19.6** | - |
| SW011 | 17 Apr 2023 | 0861_SW011_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **9.72** | - | **11.2** | - | - | **11.7** | - |
| SW011 | 11 Aug 2023 | 0861_SW011_230811 | QLD_0861_WQMP_23 | Normal | EB2324799 | **6.27** | - | **11.4** | - | - | **11.9** | - |
| SW011 | 24 Oct 2023 | 0861_SW011_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **1.39** | - | **1.60** | - | - | **1.68** | - |
| SW011 | 19 Dec 2023 | 0861_SW011_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **3.51** | - | **5.16** | - | - | **5.33** | - |
| SW011 | 09 Apr 2024 | 0861_SW011_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **4.04** | - | **4.78** | - | - | **5.00** | - |
| SW011 | 30 Jul 2024 | 0861_SW011_240730 | QLD_0861_WQMP_24 | Normal | EB2425927 | **5.46** | - | **6.79** | - | - | **7.16** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW011 | 31 Oct 2024 | 0861_SW011_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **3.2** | - | **4.07** | - | - | **4.36** | - |
| SW011 | 19 Feb 2025 | 0861_SW011_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | **2.97** | - | **3.61** | *<0.05* | - | **3.83** | - |
| SW011 | 07 May 2025 | 0861_SW011_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.82** | - | **2.18** | - | - | **2.3** | - |
| SW015 | 05 Jun 2017 | 0861_SW15_170605 | QLD_0861_PFAS | Normal | EB1711471 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW015 | 30 Apr 2019 | 0861_SW015_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW015 | 18 Nov 2019 | 0861_SW015_191118 | QLD_0861_PFAS | Normal | EB1931427 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW015 | 14 Apr 2020 | 0861_SW015_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW015 | 12 Oct 2020 | 0861_SW015_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW015 | 12 Apr 2021 | 0861_SW015_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW015 | 19 Oct 2021 | 0861_SW015_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW015 | 29 Mar 2022 | 0861_SW015_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW015 | 18 Oct 2022 | 0861_SW015_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW015 | 26 Apr 2023 | 0861_SW015_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW015 | 25 Oct 2023 | 0861_SW015_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW015 | 09 Apr 2024 | 0861_SW015_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW015 | 07 Nov 2024 | 0861_SW015_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.05** | - | **0.05** | - | - | *<0.1* | - |
| SW015 | 30 Apr 2025 | 0861_SW015_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW016 | 05 Jun 2017 | 0861_SW16_170605 | QLD_0861_PFAS | Normal | EB1711471 | **3.38** | - | **3.77** | - | - | **3.92** | - |
| SW016 | 30 Apr 2019 | 0861_SW016_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW016 | 18 Nov 2019 | 0861_SW016_191118 | QLD_0861_PFAS | Normal | EB1931427 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW016 | 14 Apr 2020 | 0861_SW016_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW016 | 12 Oct 2020 | 0861_SW016_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW016 | 12 Apr 2021 | 0861_QC141_210412 | QLD_0861_PFASOMP | Field_D | EB2111121 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW016 | 12 Apr 2021 | 0861_QC241_210412 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW016 | 12 Apr 2021 | 0861_SW016_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW016 | 19 Oct 2021 | 0861_SW016_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW016 | 29 Mar 2022 | 0861_SW016_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW016 | 18 Oct 2022 | 0861_SW016_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW016 | 28 Apr 2023 | 0861_SW016_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW016 | 25 Oct 2023 | 0861_SW016_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW016 | 09 Apr 2024 | 0861_SW016_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW016 | 06 Nov 2024 | 0861_SW016_241105 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.02** | - | *<0.05* | - | - | *<0.1* | - |
| SW016 | 30 Apr 2025 | 0861_SW016_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW018 | 01 Jun 2017 | 0861_SW18_170601 | QLD_0861_PFAS | Normal | EB1711387 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW018 | 30 Apr 2019 | 0861_SW018_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW018 | 19 Nov 2019 | 0861_SW018_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.22** | - | **0.32** | - | - | **0.32** | - |
| SW018 | 29 Mar 2020 | 0861_SW002_200403 | QLD_0861_WQMP | Normal | EB2009476 | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW018 | 14 Apr 2020 | 0861_SW018_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW018 | 05 Aug 2020 | 0861_SW002_200805 | QLD_0861_WQMP | Normal | EB2020602 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW018 | 12 Oct 2020 | 0861_SW018_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW018 | 18 Feb 2021 | 0861_SW002_210218 | QLD_0861_WQMP | Normal | EB2104526 | **0.62** | - | **0.94** | - | - | **0.99** | - |
| SW018 | 12 Apr 2021 | 0861_SW018_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW018 | 13 Aug 2021 | 0861_SW002_210813 | QLD_0861_WQMP | Normal | EB2122819 | **0.09** | - | **0.16** | - | - | **0.16** | - |
| SW018 | 19 Oct 2021 | 0861_SW018_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW018 | 16 Feb 2022 | 0861_SW018_220216 | QLD_0861_WQMP_22 | Normal | EB2204266 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW018 | 29 Mar 2022 | 0861_SW018_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.12** | - | **0.12** | - | - | **0.12** | - |
| SW018 | 09 Jun 2022 | 0861_SW018_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW018 | 18 Oct 2022 | 0861_SW018_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW018 | 06 Feb 2023 | 0861_SW018_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | <0.02 | - | <0.02 | - | - | <0.02 | - |
| SW018 | 15 Aug 2023 | 0861_SW018_230815 | QLD_0861_WQMP_23 | Normal | EB2325060 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW018 | 25 Oct 2023 | 0861_SW018_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW018 | 21 Dec 2023 | 0861_SW018_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | **0.29** | - | **0.36** | - | - | **0.38** | - |
| SW018 | 09 Apr 2024 | 0861_SW018_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW018 | 01 Aug 2024 | 0861_SW018_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW018 | 06 Nov 2024 | 0861_QC101_241106 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | **0.63** | - | **0.76** | - | - | **0.82** | - |
| SW018 | 06 Nov 2024 | 0861_QC201_241106 | QLD_0861_PFASOMP_24a | Interlab_D | 366777 | **0.48** | - | - | - | - | **0.57** | - |
| SW018 | 06 Nov 2024 | 0861_SW018_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.51** | - | **0.6** | - | - | **0.63** | - |
| SW018 | 19 Feb 2025 | 0861_SW018_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | <0.01 | - | <0.01 | <0.05 | - | <0.01 | - |
| SW018 | 30 Apr 2025 | 0861_SW018_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW020 | 01 Jun 2017 | 0861_SW20_170601 | QLD_0861_PFAS | Normal | EB1711387 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW020 | 30 Apr 2019 | 0861_SW020_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW020 | 19 Nov 2019 | 0861_SW020_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.20** | - | **0.30** | - | - | **0.30** | - |
| SW020 | 20 Nov 2019 | 0861_SW020_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.23** | - | **0.33** | - | - | **0.33** | - |
| SW020 | 14 Apr 2020 | 0861_SW020_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW020 | 12 Oct 2020 | 0861_QC119_201012 | QLD_0861_PFASOMP | Field_D | EB2027176-AA | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW020 | 12 Oct 2020 | 0861_QC219_201012 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW020 | 12 Oct 2020 | 0861_SW020_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW020 | 12 Apr 2021 | 0861_SW020_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW020 | 19 Oct 2021 | 0861_SW020_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW020 | 29 Mar 2022 | 0861_SW020_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.11** | - | **0.11** | - | - | **0.11** | - |
| SW020 | 18 Oct 2022 | 0861_QC185_221018 | QLD_0861_PFASOMP | Field_D | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW020 | 18 Oct 2022 | 0861_QC285_221018 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW020 | 18 Oct 2022 | 0861_SW020_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW020 | 28 Apr 2023 | 0861_SW020_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW020 | 25 Oct 2023 | 0861_SW020_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW020 | 09 Apr 2024 | 0861_QC101_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW020 | 09 Apr 2024 | 0861_QC201_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW020 | 09 Apr 2024 | 0861_SW020_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW020 | 06 Nov 2024 | 0861_SW020_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.77** | - | **0.92** | - | - | **0.98** | - |
| SW020 | 30 Apr 2025 | 0861_SW020_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW021 | 14 Sep 2017 | 0861_SW021_170914 | QLD_0861_PFAS | Normal | EB1719065 | **24.9** | - | **37.2** | - | - | **39.0** | - |
| SW021 | 20 Apr 2020 | 0861_SW021_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **28.1** | - | **30.9** | - | - | **32.4** | - |
| SW021 | 03 Nov 2020 | 0861_QC135_201103 | QLD_0861_PFASOMP | Field_D | EB2028860 | **54.8** | - | **69.6** | - | - | **73.6** | - |
| SW021 | 03 Nov 2020 | 0861_SW021_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **58.8** | - | **74.0** | - | - | **77.4** | - |
| SW021 | 30 Mar 2021 | 0861_SW021_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **39.4** | - | **78.4** | - | - | **84.6** | - |
| SW021 | 21 Oct 2021 | 0861_SW021_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | **14.7** | - | **21.8** | - | - | **23.2** | - |
| SW021 | 31 Mar 2022 | 0861_SW021_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | **21.9** | - | **32.6** | - | - | **34.4** | - |
| SW021 | 21 Oct 2022 | 0861_SW021_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **24.6** | - | **35.6** | - | - | **37.7** | - |
| SW021 | 26 Apr 2023 | 0861_SW021_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **20.7** | - | **30.3** | - | - | **32.5** | - |
| SW021 | 29 Nov 2023 | 0861_SW021_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **8.26** | - | **11.7** | - | - | **12.4** | - |
| SW021 | 10 Apr 2024 | 0861_SW021_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **8.08** | - | **9.75** | - | - | **10.2** | - |
| SW021 | 01 Nov 2024 | 0861_SW021_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **8.7** | - | **10.24** | - | - | **10.65** | - |
| SW021 | 28 Apr 2025 | 0861_SW021_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **12.8** | - | **17.91** | - | - | **19.5** | - |
| SW022 | 31 May 2017 | 0861_SW22_170531 | QLD_0861_PFAS | Normal | EB1711233 | **6.04** | - | **7.38** | - | - | **7.72** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW022 | 30 Apr 2025 | 0861_QC104_250430 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | **3.29** | - | **3.99** | - | - | **4.15** | - |
| SW022 | 30 Apr 2025 | 0861_QC204_250430 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | **3.2** | - | - | - | - | **4.0** | - |
| SW022 | 30 Apr 2025 | 0861_SW022_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **2.96** | - | **3.54** | - | - | **3.68** | - |
| SW023 | 31 May 2017 | 0861_SW23_170531 | QLD_0861_PFAS | Normal | EB1711233 | **7.11** | - | **7.96** | - | - | **8.35** | - |
| SW023 | 30 Apr 2025 | 0861_SW023_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **6** | - | **6.66** | - | - | **7.06** | - |
| SW025 | 01 Jun 2017 | 0861_SW25_170601 | QLD_0861_PFAS | Normal | EB1711387 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 07 May 2019 | 0861_SW025_190507 | QLD_0861_PFAS | Normal | EB1911952 | *<0.01* | - | **0.10** | - | - | **0.10** | - |
| SW025 | 19 Nov 2019 | 0861_QC101_191119 | QLD_0861_PFAS | Field_D | EB1931427 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 19 Nov 2019 | 0861_SW025_191119 | QLD_0861_PFAS | Normal | EB1931427 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 20 Nov 2019 | 0861_QC201_191119 | QLD_0861_PFAS | Interlab_D | 231783 | *<0.01* | - | - | - | - | *<0.01* | - |
| SW025 | 29 Nov 2019 | 0861_SW25_191128 | QLD_0861_PFAS | Normal | EB1932183 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 15 Apr 2020 | 0861_QC102_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AF | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW025 | 15 Apr 2020 | 0861_QC202_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW025 | 15 Apr 2020 | 0861_SW025_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 14 Oct 2020 | 0861_SW025_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 21 Apr 2021 | 0861_QC151_210421 | QLD_0861_PFASOMP | Field_D | EB2111121 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 21 Apr 2021 | 0861_QC251_210421 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW025 | 21 Apr 2021 | 0861_SW025_210421 | QLD_0861_PFASOMP | Normal | EB2111112 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 22 Oct 2021 | 0861_SW025_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 28 Mar 2022 | 0861_SW025_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 20 Oct 2022 | 0861_SW025_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 26 Apr 2023 | 0861_SW025_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 26 Oct 2023 | 0861_SW025_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 12 Apr 2024 | 0861_QC105_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 12 Apr 2024 | 0861_QC205_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW025 | 12 Apr 2024 | 0861_SW025_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW025 | 12 Nov 2024 | 0861_QC102_241112 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW025 | 12 Nov 2024 | 0861_QC202_241112 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | *<0.01* | - | - | - | - | *<0.01* | - |
| SW025 | 12 Nov 2024 | 0861_SW025_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW025 | 01 May 2025 | 0861_SW025_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW026 | 02 Jun 2017 | 0861_SW26_170602 | QLD_0861_PFAS | Normal | EB1711373 | **0.20** | - | **0.23** | - | - | **0.23** | - |
| SW026 | 07 May 2019 | 0861_SW026_190507 | QLD_0861_PFAS | Normal | EB1911952 | **0.11** | - | **0.11** | - | - | **0.11** | - |
| SW026 | 27 Nov 2019 | 0861_QC101_191127 | QLD_0861_PFAS | Field_D | EB1932183 | **0.18** | - | **0.20** | - | - | **0.20** | - |
| SW026 | 27 Nov 2019 | 0861_QC201_191127 | QLD_0861_PFAS | Interlab_D | 232094 | **0.20** | - | - | - | - | **0.22** | - |
| SW026 | 27 Nov 2019 | 0861_SW026_191127 | QLD_0861_PFAS | Normal | EB1932183 | **0.18** | - | **0.20** | - | - | **0.20** | - |
| SW026 | 21 Apr 2020 | 0861_SW026_200421 | QLD_0861_PFASOMP | Normal | EB2011255 | **0.23** | - | **0.26** | - | - | **0.26** | - |
| SW026 | 15 Oct 2020 | 0861_SW026_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.11** | - | **0.11** | - | - | **0.11** | - |
| SW026 | 16 Apr 2021 | 0861_SW026_210416 | QLD_0861_PFASOMP | Normal | EB2111112 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW026 | 20 Oct 2021 | 0861_SW026_211020 | QLD_0861_PFASOMP | Normal | EB2130815 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW026 | 01 Apr 2022 | 0861_SW026_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW026 | 20 Oct 2022 | 0861_SW026_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.58** | - | **0.69** | - | - | **0.72** | - |
| SW026 | 19 Apr 2023 | 0861_SW026_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | **0.13** | - | **0.13** | - | - | **0.13** | - |
| SW026 | 24 Oct 2023 | 0861_SW026_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | **0.29** | - | **0.29** | - | - | **0.29** | - |
| SW026 | 11 Apr 2024 | 0861_QC103_240411 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW026 | 11 Apr 2024 | 0861_QC203_240411 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW026 | 11 Apr 2024 | 0861_SW026_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | **0.01** | - | **0.01** | - | - | **0.01** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW026 | 08 Nov 2024 | 0861_SW026_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.4** | - | **0.48** | - | - | **0.51** | - |
| SW026 | 29 Apr 2025 | 0861_SW026_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | **0.02** | - | *<0.05* | - | - | *<0.1* | - |
| SW027 | 30 Mar 2021 | 0861_SW027_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **3.39** | - | **5.20** | - | - | **5.57** | - |
| SW027 | 26 Oct 2021 | 0861_SW027_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **0.99** | - | **1.40** | - | - | **1.48** | - |
| SW027 | 28 Mar 2022 | 0861_SW027_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **35.5** | - | **45.4** | - | - | **48.8** | - |
| SW027 | 21 Oct 2022 | 0861_SW027_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.24** | - | **0.28** | - | - | **0.28** | - |
| SW027 | 17 Apr 2023 | 0861_SW027_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **1.03** | - | **1.17** | - | - | **1.20** | - |
| SW027 | 29 Nov 2023 | 0861_SW027_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **1.52** | - | **1.83** | - | - | **1.93** | - |
| SW027 | 09 Apr 2024 | 0861_SW027_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **6.80** | - | **7.60** | - | - | **7.90** | - |
| SW027 | 28 Oct 2024 | 0861_SW027_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **0.49** | - | **0.66** | - | - | **0.69** | - |
| SW027 | 06 May 2025 | 0861_SW027_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **5.3** | - | **6** | - | - | **6.33** | - |
| SW028 | 01 Jun 2017 | 0861_SW28_170601 | QLD_0861_PFAS | Normal | EB1711387 | **0.45** | - | **0.49** | - | - | **0.49** | - |
| SW028 | 02 May 2019 | 0861_SW028_190502 | QLD_0861_PFAS | Normal | EB1911387 | **0.30** | - | **0.32** | - | - | **0.32** | - |
| SW028 | 14 Apr 2020 | 0861_QC100_200414 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | **1.39** | - | **1.64** | - | - | **1.72** | - |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW028 | 14 Apr 2020 | 0861_QC200_200414 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW028 | 14 Apr 2020 | 0861_SW028_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **1.57** | - | **1.85** | - | - | **1.93** | - |
| SW028 | 03 Nov 2020 | 0861_SW028_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.73** | - | **0.89** | - | - | **0.92** | - |
| SW028 | 12 Apr 2021 | 0861_SW028_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.76** | - | **1.39** | - | - | **1.43** | - |
| SW028 | 19 Oct 2021 | 0861_QC153_211019 | QLD_0861_PFASOMP | Field_D | EB2130835 | **0.82** | - | **0.94** | - | - | **0.96** | - |
| SW028 | 19 Oct 2021 | 0861_QC253_211019 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW028 | 19 Oct 2021 | 0861_SW028_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.98** | - | **1.11** | - | - | **1.13** | - |
| SW028 | 29 Mar 2022 | 0861_SW028_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.12** | - | **0.12** | - | - | **0.12** | - |
| SW028 | 09 May 2023 | 0861_SW028_230509 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | **0.43** | - | **0.46** | - | - | **0.46** | - |
| SW028 | 10 Aug 2023 | 0861_SW028_230810 | QLD_0861_Stage2_23 | Normal | 1018693 | **0.81** | - | **1.05** | - | - | **1.21** | - |
| SW028 | 25 Oct 2023 | 0861_SW028_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **2.22** | - | **3.34** | - | - | **3.70** | - |
| SW028 | 09 Apr 2024 | 0861_QC100_240409 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW028 | 09 Apr 2024 | 0861_QC200_240409 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW028 | 09 Apr 2024 | 0861_SW028_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW028 | 07 Nov 2024 | 0861_QC105_241107 | QLD_0861_PFASOMP_24a | Field_D | 1158333 | **0.64** | - | **0.77** | - | - | **0.83** | - |
| SW028 | 07 Nov 2024 | 0861_SW028_241107 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.72** | - | **0.85** | - | - | **0.92** | - |
| SW028 | 30 Apr 2025 | 0861_SW028_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.07** | - | **0.08** | - | - | *<0.1* | - |
| SW030 | 29 Apr 2019 | 0861_SW030_1904029 | QLD_0861_PFAS | Normal | EB1911387 | **3.45** | - | **5.30** | - | - | **5.59** | - |
| SW030 | 03 Nov 2020 | 0861_SW030_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **1.27** | - | **2.00** | - | - | **2.09** | - |
| SW030 | 30 Mar 2021 | 0861_SW030_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **9.64** | - | **16.1** | - | - | **16.9** | - |
| SW030 | 26 Oct 2021 | 0861_SW030_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **13.7** | - | **22.1** | - | - | **23.4** | - |
| SW030 | 28 Mar 2022 | 0861_SW030_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **3.29** | - | **4.17** | - | - | **4.37** | - |
| SW030 | 21 Oct 2022 | 0861_SW030_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **9.74** | - | **13.4** | - | - | **14.3** | - |
| SW030 | 17 Apr 2023 | 0861_SW030_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **3.87** | - | **5.48** | - | - | **5.75** | - |
| SW030 | 24 Oct 2023 | 0861_SW030_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **2.95** | - | **3.80** | - | - | **3.93** | - |
| SW030 | 09 Apr 2024 | 0861_SW030_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **5.52** | - | **7.36** | - | - | **7.71** | - |
| SW030 | 07 May 2025 | 0861_QC111_250507 | QLD_0861_PFASOMP_25 | Field_D | 1217988 | **2.7** | - | **3.64** | - | - | **3.84** | - |
| SW030 | 07 May 2025 | 0861_QC211_250507 | QLD_0861_PFASOMP_25 | Interlab_D | 380690 | **3.4** | - | - | - | - | **4.6** | - |
| SW030 | 07 May 2025 | 0861_SW030_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **3** | - | **3.87** | - | - | **4.07** | - |
| SW032 | 02 Aug 2012 | RAAF AMB SW15 2/8/12 | QLD_Hist_202012-3 | Normal | EB1220352 | - | - | - | - | - | - | - |
| SW032 | 10 Oct 2012 | 5259_SW15_121010 | QLD_Hist_202012-3 | Normal | EB1226543 | - | - | - | - | - | - | - |
| SW032 | 20 Aug 2013 | E0861_SW15_130820 | QLD_Hist_202012-3 | Normal | EB1320096 | - | - | - | - | - | - | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW032 | 02 Mar 2017 | 0861_SW32_170302 | QLD_Hist_202012-3 | Normal | EB1704145 | **11.4** | - | **14.9** | - | - | **15.9** | - |
| SW032 | 16 Oct 2017 | 0861_sW32_171016 | QLD_Hist_202012-3 | Normal | EB1721395 | **3.3** | - | **4.05** | - | - | **4.45** | - |
| SW032 | 03 Apr 2020 | 0861_SW032_200403 | QLD_0861_WQMP | Normal | EB2009476 | **4.58** | - | **5.73** | - | - | **6.21** | - |
| SW032 | 18 Feb 2021 | 0861_SW032_210218 | QLD_0861_WQMP | Normal | EB2104526 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW032 | 13 Aug 2021 | 0861_SW032_210813 | QLD_0861_WQMP | Normal | EB2122819 | **0.35** | - | **0.40** | - | - | **0.42** | - |
| SW032 | 16 Feb 2022 | 0861_SW032_220216 | QLD_0861_WQMP_22 | Normal | EB2204253 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW032 | 09 Jun 2022 | 0861_SW032_220609 | QLD_0861_WQMP_22 | Normal | EB2216447 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW032 | 07 Feb 2023 | 0861_SW032_230207 | QLD_0861_WQMP_23 | Normal | EB2303351 | **0.46** | - | **0.49** | - | - | **0.49** | - |
| SW032 | 18 Aug 2023 | 0861_SW032_230818 | QLD_0861_WQMP_23 | Normal | EB2325344 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW032 | 21 Dec 2023 | 0861_SW032_231221 | QLD_0861_WQMP_24 | Normal | EB2340712 | **0.10** | - | **0.10** | - | - | **0.10** | - |
| SW032 | 01 Aug 2024 | 0861_SW032_240801 | QLD_0861_WQMP_24 | Normal | EB2426258 | **1.11** | - | **1.41** | - | - | **1.55** | - |
| SW032 | 19 Feb 2025 | 0861_SW032_250219 | QLD_0861_WQMP_25 | Normal | EB2506029 | *<0.01* | - | *<0.01* | *<0.05* | - | *<0.01* | - |
| SW032 | 30 Apr 2025 | 0861_SW032_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW033 | 14 Sep 2017 | 0861_SW033_170914 | QLD_0861_PFAS | Normal | EB1719065 | **11.5** | - | **18.5** | - | - | **19.4** | - |
| SW033 | 03 May 2019 | 0861_SW033_190503 | QLD_0861_PFAS | Normal | EB1911387 | **13.8** | - | **24.4** | - | - | **25.8** | - |
| SW033 | 27 Apr 2020 | 0861_SW033_200427 | QLD_0861_PFASOMP | Normal | EB2011562 | **4.51** | - | **5.38** | - | - | **5.70** | - |
| SW033 | 15 Apr 2021 | 0861_SW033_210415 | QLD_0861_PFASOMP | Normal | EB2111121 | **108** | - | **158** | - | - | **169** | - |
| SW033 | 26 Oct 2021 | 0861_SW033_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **101** | - | **120** | - | - | **125** | - |
| SW033 | 05 Apr 2022 | 0861_SW033_220405 | QLD_0861_PFASOMP | Normal | EB2209950 | **60.0** | - | **85.4** | - | - | **92.3** | - |
| SW033 | 25 Oct 2022 | 0861_QC195_221025 | QLD_0861_PFASOMP | Field_D | EB2231825 | **23.1** | - | **29.3** | - | - | **30.9** | - |
| SW033 | 25 Oct 2022 | 0861_QC295_221025 | QLD_0861_PFASOMP | Interlab_D | RN1371573 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW033 | 25 Oct 2022 | 0861_SW033_221025 | QLD_0861_PFASOMP | Normal | EB2231825 | **22.4** | - | **28.4** | - | - | **29.8** | - |
| SW033 | 29 Nov 2023 | 0861_SW033_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **13.0** | - | **19.2** | - | - | **20.4** | - |
| SW033 | 02 May 2025 | 0861_SW033_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **60** | - | **78.91** | - | - | **84.08** | - |
| SW034 | 01 Jun 2017 | 0861_SW34_170601 | QLD_0861_PFAS | Normal | EB1711387 | **12.0** | - | **14.6** | - | - | **15.7** | - |
| SW034 | 30 Apr 2019 | 0861_SW034_190430 | QLD_0861_PFAS | Normal | EB1911387 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW034 | 19 Nov 2019 | 0861_SW034_191119 | QLD_0861_PFAS | Normal | EB1931427 | **0.25** | - | **0.35** | - | - | **0.35** | - |
| SW034 | 14 Apr 2020 | 0861_SW034_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW034 | 12 Oct 2020 | 0861_SW034_201012 | QLD_0861_PFASOMP | Normal | EB2027172 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW034 | 12 Apr 2021 | 0861_SW034_210412 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.02** | - | **0.22** | - | - | **0.22** | - |
| SW034 | 19 Oct 2021 | 0861_SW034_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW034 | 29 Mar 2022 | 0861_SW034_220329 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.13** | - | **0.13** | - | - | **0.13** | - |
| SW034 | 18 Oct 2022 | 0861_SW034_221018 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.50** | - | **0.56** | - | - | **0.58** | - |
| SW034 | 28 Apr 2023 | 0861_SW034_230428 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW034 | 25 Oct 2023 | 0861_SW034_231025 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW034 | 09 Apr 2024 | 0861_SW034_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW034 | 06 Nov 2024 | 0861_SW034_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.41** | - | **0.49** | - | - | **0.52** | - |
| SW034 | 30 Apr 2025 | 0861_SW034_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW036 | 30 May 2017 | 0861_SW36_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.230** | - | **0.243** | - | - | **0.369** | - |
| SW036 | 18 Jan 2018 | 0861_SW036_180119 | QLD_0861_PFAS | Normal | EB1802500 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW036 | 01 May 2019 | 0861_SW036_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW036 | 15 Apr 2020 | 0861_SW036_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.34** | - | **0.48** | - | - | **0.48** | - |
| SW036 | 14 Oct 2020 | 0861_SW036_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.11** | - | **0.22** | - | - | **0.22** | - |
| SW036 | 14 Apr 2021 | 0861_QC142_210414 | QLD_0861_PFASOMP | Field_D | EB2111121 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW036 | 14 Apr 2021 | 0861_QC242_210414 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW036 | 14 Apr 2021 | 0861_SW036_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW036 | 20 Oct 2021 | 0861_QC155_211020 | QLD_0861_PFASOMP | Field_D | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW036 | 20 Oct 2021 | 0861_QC255_211020 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW036 | 20 Oct 2021 | 0861_SW036_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW036 | 01 Apr 2022 | 0861_QC178_220401 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW036 | 01 Apr 2022 | 0861_QC278_220401 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW036 | 01 Apr 2022 | 0861_SW036_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW036 | 19 Oct 2022 | 0861_SW036_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW036 | 22 May 2023 | 0861_SW036_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW036 | 24 Oct 2023 | 0861_SW036_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.10** | - | **0.20** | - | - | **0.20** | - |
| SW036 | 11 Apr 2024 | 0861_SW036_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW036 | 08 Nov 2024 | 0861_SW036_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.23** | - | **0.34** | - | - | **0.35** | - |
| SW036 | 01 May 2025 | 0861_SW036_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW037 | 13 Sep 2017 | 0861_QC101_170913 | QLD_0861_PFAS | Field_D | EB1719017 | **63.4** | - | **71.5** | - | - | **105** | - |
| SW037 | 13 Sep 2017 | 0861_QC201_170914 | QLD_0861_PFAS | Interlab_D | 175963 | - | - | - | - | - | - | - |
| SW037 | 13 Sep 2017 | 0861_SW037_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | **59.8** | - | **69.8** | - | - | **102** | - |
| SW037 | 01 May 2019 | 0861_QC101_190501 | QLD_0861_PFAS | Field_D | EB1911387 | **3.70** | - | **5.83** | - | - | **6.22** | - |
| SW037 | 01 May 2019 | 0861_QC201_190501 | QLD_0861_PFAS | Interlab_D | 217104 | **4.0** | - | - | - | - | **6.9** | - |
| SW037 | 01 May 2019 | 0861_SW037_190501 | QLD_0861_PFAS | Normal | EB1911387 | **3.56** | - | **5.67** | - | - | **6.05** | - |
| SW037 | 19 Nov 2019 | 0861_SW037_191119 | QLD_0861_PFAS | Normal | EB1931427 | **33.2** | - | **54.0** | - | - | **58.1** | - |
| SW037 | 15 Apr 2020 | 0861_SW037_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **20.5** | - | **40.9** | - | - | **44.8** | - |
| SW037 | 14 Oct 2020 | 0861_SW037_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **36.6** | - | **68.4** | - | - | **73.8** | - |
| SW037 | 30 Mar 2021 | 0861_QC139_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | **8.52** | - | **13.8** | - | - | **14.9** | - |
| SW037 | 30 Mar 2021 | 0861_QC239_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW037 | 30 Mar 2021 | 0861_SW037_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **9.57** | - | **14.9** | - | - | **15.9** | - |
| SW037 | 26 Oct 2021 | 0861_SW037_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **5.02** | - | **8.09** | - | - | **8.65** | - |
| SW037 | 30 Mar 2022 | 0861_SW037_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | **3.02** | - | **4.03** | - | - | **4.34** | - |
| SW037 | 21 Oct 2022 | 0861_SW037_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **3.37** | - | **4.34** | - | - | **4.66** | - |
| SW037 | 18 Apr 2023 | 0861_SW037_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **4.30** | - | **6.05** | - | - | **6.70** | - |
| SW037 | 27 Oct 2023 | 0861_SW037_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **11.7** | - | **21.9** | - | - | **24.1** | - |
| SW037 | 10 Apr 2024 | 0861_SW037_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **4.51** | - | **6.45** | - | - | **6.88** | - |
| SW037 | 31 Oct 2024 | 0861_SW037_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **4** | - | **5.44** | - | - | **6.07** | - |
| SW037 | 01 May 2025 | 0861_SW037_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **4.6** | - | **6.91** | - | - | **7.78** | - |
| SW038 | 17 Oct 2017 | 0861_SW038_171020 | QLD_0861_PFAS | Normal | EB1721894 | **0.083** | - | **0.106** | - | - | **0.143** | - |
| SW038 | 13 May 2019 | 0861_SW038_190513 | QLD_0861_PFAS | Normal | EB1912390 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW038 | 29 Nov 2019 | 0861_SW038_191126 | QLD_0861_PFAS | Normal | EB1932183 | **0.06** | - | **0.12** | - | - | **0.12** | - |
| SW038 | 14 Apr 2020 | 0861_SW038_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.97** | - | **1.33** | - | - | **1.39** | - |
| SW038 | 03 Nov 2020 | 0861_SW038_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **0.82** | - | **3.05** | - | - | **3.28** | - |
| SW038 | 30 Mar 2021 | 0861_QC137_210330 | QLD_0861_PFASOMP | Field_D | EB2108857 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW038 | 30 Mar 2021 | 0861_QC237_210330 | QLD_0861_PFASOMP | Interlab_D | RN1310437 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW038 | 30 Mar 2021 | 0861_SW038_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW038 | 25 Oct 2021 | 0861_SW038_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW038 | 30 Mar 2022 | 0861_SW038_220330 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW038 | 24 Oct 2022 | 0861_SW038_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **0.11** | - | **0.11** | - | - | **0.11** | - |
| SW038 | 29 Nov 2023 | 0861_SW038_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW038 | 06 Nov 2024 | 0861_SW038_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **1.56** | - | **2.33** | - | - | **2.48** | - |
| SW039 | 30 May 2017 | 0861_SW39_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.004** | - | <0.002 | - | - | **0.004** | - |
| SW039 | 19 Nov 2019 | 0861_SW039_191119 | QLD_0861_PFAS | Normal | EB1931427 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 29 Nov 2019 | 0861_SW39_191128 | QLD_0861_PFAS | Normal | EB1932183 | <0.01 | - | <0.01 | - | - | <0.01 | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW039 | 15 Apr 2020 | 0861_SW039_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 14 Oct 2020 | 0861_SW039_201014 | QLD_0861_PFASOMP | Normal | EB2027208-AA | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 30 Mar 2021 | 0861_SW039_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 22 Oct 2021 | 0861_QC159_211022 | QLD_0861_PFASOMP | Field_D | EB2130835 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 22 Oct 2021 | 0861_QC259_211022 | QLD_0861_PFASOMP | Interlab_D | RN1333717 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW039 | 22 Oct 2021 | 0861_SW039_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 28 Mar 2022 | 0861_QC169_220328 | QLD_0861_PFASOMP | Field_D | EB2209942 | <0.01 | - | **0.32** | - | - | **0.32** | - |
| SW039 | 28 Mar 2022 | 0861_QC269_220328 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |
| SW039 | 28 Mar 2022 | 0861_SW039_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | <0.01 | - | **0.10** | - | - | **0.10** | - |
| SW039 | 20 Oct 2022 | 0861_SW039_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 26 Apr 2023 | 0861_SW039_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AB | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 26 Oct 2023 | 0861_SW039_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 12 Apr 2024 | 0861_SW039_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW039 | 12 Nov 2024 | 0861_SW039_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW039 | 01 May 2025 | 0861_SW039_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW040 | 02 Jun 2017 | 0861_SW40_170602 | QLD_0861_PFAS | Normal | EB1711373 | **0.20** | - | **0.24** | - | - | **0.24** | - |
| SW040 | 06 May 2019 | 0861_SW040_190506 | QLD_0861_PFAS | Normal | EB1911952 | **0.59** | - | **0.77** | - | - | **0.81** | - |
| SW040 | 20 Nov 2019 | 0861_SW040_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.64** | - | **0.78** | - | - | **0.82** | - |
| SW040 | 15 Apr 2020 | 0861_SW040_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | **0.19** | - | **0.23** | - | - | **0.23** | - |
| SW040 | 15 Oct 2020 | 0861_SW040_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.48** | - | **0.65** | - | - | **0.68** | - |
| SW040 | 15 Apr 2021 | 0861_SW040_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW040 | 19 Oct 2021 | 0861_SW040_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | **0.15** | - | **0.17** | - | - | **0.17** | - |
| SW040 | 28 Mar 2022 | 0861_SW040_220328 | QLD_0861_PFASOMP | Normal | EB2209946 | **0.35** | - | **0.58** | - | - | **0.61** | - |
| SW040 | 20 Oct 2022 | 0861_SW040_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.35** | - | **0.39** | - | - | **0.39** | - |
| SW040 | 18 Apr 2023 | 0861_SW040_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | **0.15** | - | **0.15** | - | - | **0.15** | - |
| SW040 | 26 Oct 2023 | 0861_SW040_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | **0.26** | - | **0.28** | - | - | **0.28** | - |
| SW040 | 12 Apr 2024 | 0861_SW040_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW040 | 12 Nov 2024 | 0861_SW040_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | **0.21** | - | **0.26** | - | - | **0.29** | - |
| SW040 | 01 May 2025 | 0861_SW040_250501 | QLD_0861_PFASOMP_25 | Normal | 1215379 | **0.01** | - | **0.26** | - | - | **0.26** | - |
| SW041 | 17 Oct 2017 | 0861_QC108_171020 | QLD_0861_PFAS | Field_D | EB1721894 | **11.6** | - | **8.54** | - | - | **16.0** | - |
| SW041 | 17 Oct 2017 | 0861_SW041_171020 | QLD_0861_PFAS | Normal | EB1721894 | **10.7** | - | **8.72** | - | - | **15.2** | - |
| SW041 | 20 Oct 2017 | 0861_QC208_171020 | QLD_0861_PFAS | Interlab_D | 178423 | - | - | - | - | - | - | - |
| SW041 | 20 Oct 2017 | 0861-QC208-171020 | QLD_0861_PFAS | Interlab_D | 178596 | - | - | - | - | - | - | - |
| SW041 | 08 May 2019 | 0861_QC102_190508 | QLD_0861_PFAS | Field_D | EB1911952 | **20.5** | - | **27.2** | - | - | **29.5** | - |
| SW041 | 08 May 2019 | 0861_SW041_190508 | QLD_0861_PFAS | Normal | EB1911952 | **22.0** | - | **28.7** | - | - | **31.0** | - |
| SW041 | 19 Nov 2019 | 0861_SW041_191119 | QLD_0861_PFAS | Normal | EB1931427 | **30.1** | - | **40.3** | - | - | **43.9** | - |
| SW041 | 15 Apr 2020 | 0861_SW041_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **48.2** | - | **64.8** | - | - | **71.8** | - |
| SW041 | 06 Aug 2020 | 0861_SW001_200806 | QLD_0861_WQMP | Normal | EB2020759 | **22.6** | - | **29.0** | - | - | **31.5** | - |
| SW041 | 15 Oct 2020 | 0861_SW041_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **37.8** | - | **51.9** | - | - | **56.4** | - |
| SW041 | 18 Feb 2021 | 0861_SW001_210218 | QLD_0861_WQMP | Normal | EB2104539 | **49.5** | - | **57.5** | - | - | **61.7** | - |
| SW041 | 30 Mar 2021 | 0861_SW041_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **17.3** | - | **22.3** | - | - | **24.0** | - |
| SW041 | 26 Oct 2021 | 0861_SW041_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **4.45** | - | **5.57** | - | - | **5.93** | - |
| SW041 | 17 Feb 2022 | 0861_SW041_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | **18.4** | - | **24.2** | - | - | **26.6** | - |
| SW041 | 28 Mar 2022 | 0861_SW041_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **15.9** | - | **19.8** | - | - | **21.4** | - |
| SW041 | 10 Jun 2022 | 0861_SW041_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | **16.2** | - | **21.8** | - | - | **23.9** | - |
| SW041 | 20 Oct 2022 | 0861_QC189_221020 | QLD_0861_PFASOMP | Field_D | EB2231197 | **1.90** | - | **2.33** | - | - | **2.49** | - |
| SW041 | 20 Oct 2022 | 0861_QC289_221020 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | - | <0.01 | - | <0.02 | <0.05 | - | <0.02 |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW041 | 20 Oct 2022 | 0861_SW041_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **1.78** | - | **2.17** | - | - | **2.31** | - |
| SW041 | 08 Feb 2023 | 0861_SW041_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **14.8** | - | **18.7** | - | - | **20.3** | - |
| SW041 | 18 Apr 2023 | 0861_SW041_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **16.9** | - | **20.8** | - | - | **22.5** | - |
| SW041 | 14 Aug 2023 | 0861_SW041_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | **22.2** | - | **30.0** | - | - | **32.9** | - |
| SW041 | 19 Dec 2023 | 0861_SW041_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **15.5** | - | **18.9** | - | - | **20.1** | - |
| SW041 | 12 Apr 2024 | 0861_SW041_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **10.6** | - | **13.3** | - | - | **14.3** | - |
| SW041 | 31 Jul 2024 | 0861_SW041_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | **10.7** | - | **15.9** | - | - | **17.7** | - |
| SW041 | 05 Nov 2024 | 0861_SW041_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **15.6** | - | **19.81** | - | - | **21.91** | - |
| SW041 | 05 Feb 2025 | 0861_SW041_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | **14.1** | - | **19.0** | *<0.06* | - | **20.4** | - |
| SW041 | 06 May 2025 | 0861_SW041_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **17.8** | - | **22.44** | - | - | **24.96** | - |
| SW041 | 07 Aug 2025 | 0861_SW041_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | **7.94** | - | **10.1** | *<0.05* | - | **11.0** | - |
| SW043 | 05 Jun 2017 | 0861_SW43_170605 | QLD_0861_PFAS | Normal | EB1711471 | *<0.01* | - | **0.07** | - | - | **0.07** | - |
| SW043 | 19 Nov 2019 | 0861_SW043_191119 | QLD_0861_PFAS | Normal | EB1931427 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 29 Nov 2019 | 0861_SW043_191128 | QLD_0861_PFAS | Normal | EB1932183 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 28 Apr 2020 | 0861_SW043_200428 | QLD_0861_PFASOMP | Normal | EB2011568 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 15 Oct 2020 | 0861_QC127_201015 | QLD_0861_PFASOMP | Field_D | EB2027176-AB | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 15 Oct 2020 | 0861_QC227_201015 | QLD_0861_PFASOMP | Interlab_D | RN1292028 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW043 | 15 Oct 2020 | 0861_SW043_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 15 Apr 2021 | 0861_SW043_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 22 Oct 2021 | 0861_SW043_211022 | QLD_0861_PFASOMP | Normal | EB2130815 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 04 Apr 2022 | 0861_SW043_220404 | QLD_0861_PFASOMP | Normal | EB2209946 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 20 Oct 2022 | 0861_SW043_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 19 Apr 2023 | 0861_SW043_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 26 Oct 2023 | 0861_SW043_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 11 Apr 2024 | 0861_SW043_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW043 | 12 Nov 2024 | 0861_SW043_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | **0.04** | - | *<0.05* | - | - | *<0.1* | - |
| SW043 | 29 Apr 2025 | 0861_SW043_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW045 | 02 Jun 2017 | 0861_SW45_170602 | QLD_0861_PFAS | Normal | EB1711373 | **0.23** | - | **0.27** | - | - | **0.27** | - |
| SW045 | 06 May 2019 | 0861_SW045_190506 | QLD_0861_PFAS | Normal | EB1911952 | **0.99** | - | **1.27** | - | - | **1.36** | - |
| SW045 | 20 Nov 2019 | 0861_QC105_191120 | QLD_0861_PFAS | Field_D | EB1931427 | **0.56** | - | **0.71** | - | - | **0.74** | - |
| SW045 | 20 Nov 2019 | 0861_QC205_191120 | QLD_0861_PFAS | Interlab_D | 232494 | **0.84** | - | - | - | - | **1.2** | - |
| SW045 | 20 Nov 2019 | 0861_SW045_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.61** | - | **0.75** | - | - | **0.79** | - |
| SW045 | 15 Apr 2020 | 0861_SW045_200414 | QLD_0861_PFASOMP | Normal | EB2010666-AF | **0.19** | - | **0.22** | - | - | **0.22** | - |
| SW045 | 15 Oct 2020 | 0861_SW045_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.14** | - | **0.16** | - | - | **0.16** | - |
| SW045 | 15 Apr 2021 | 0861_SW045_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW045 | 19 Oct 2021 | 0861_SW045_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW045 | 29 Mar 2022 | 0861_SW045_220329 | QLD_0861_PFASOMP | Normal | EB2209946 | **0.13** | - | **0.13** | - | - | **0.13** | - |
| SW045 | 20 Oct 2022 | 0861_SW045_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.17** | - | **0.17** | - | - | **0.17** | - |
| SW045 | 18 Apr 2023 | 0861_SW045_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW045 | 26 Oct 2023 | 0861_SW045_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | **0.17** | - | **0.17** | - | - | **0.17** | - |
| SW045 | 12 Apr 2024 | 0861_QC104_240412 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW045 | 12 Apr 2024 | 0861_QC204_240412 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW045 | 12 Apr 2024 | 0861_SW045_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW045 | 12 Nov 2024 | 0861_SW045_241112 | QLD_0861_PFASOMP_24a | Normal | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW045 | 29 Apr 2025 | 0861_SW045_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW047 | 02 Jun 2017 | 0861_SW47_170602 | QLD_0861_PFAS | Normal | EB1711373 | **5.47** | - | **8.78** | - | - | **9.49** | - |
| SW047 | 01 May 2019 | 0861_SW047_190501 | QLD_0861_PFAS | Normal | EB1911387 | **4.08** | - | **7.04** | - | - | **7.44** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW047 | 20 Nov 2019 | 0861_SW047_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.39** | - | **0.52** | - | - | **0.56** | - |
| SW047 | 15 Apr 2020 | 0861_SW047_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **2.82** | - | **4.17** | - | - | **4.38** | - |
| SW047 | 13 Oct 2020 | 0861_SW047_201013 | QLD_0861_PFASOMP | Normal | EB2027172 | **4.43** | - | **8.50** | - | - | **9.08** | - |
| SW047 | 14 Apr 2021 | 0861_SW047_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 20 Oct 2021 | 0861_SW047_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 31 Mar 2022 | 0861_SW047_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW047 | 19 Oct 2022 | 0861_SW047_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 22 May 2023 | 0861_SW047_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 23 Oct 2023 | 0861_SW047_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 11 Apr 2024 | 0861_SW047_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW047 | 18 Nov 2024 | 0861_SW047_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW047 | 28 Apr 2025 | 0861_SW047_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW048 | 18 Sep 2017 | 0861_QC103_170918 | QLD_0861_PFAS | Field_D | EB1719278 | **15.8** | - | **23.0** | - | - | **23.7** | - |
| SW048 | 18 Sep 2017 | 0861_QC203_170918 | QLD_0861_PFAS | Field_D | EB1719278 | **16.7** | - | **23.7** | - | - | **24.4** | - |
| SW048 | 18 Sep 2017 | 0861_SW048_170918 | QLD_0861_PFAS | Normal | EB1719278 | **17.5** | - | **25.0** | - | - | **25.8** | - |
| SW048 | 28 Mar 2022 | 0861_SW048_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.50** | - | **0.77** | - | - | **0.79** | - |
| SW048 | 21 Oct 2022 | 0861_SW048_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.59** | - | **0.77** | - | - | **0.79** | - |
| SW048 | 27 Apr 2023 | 0861_SW048_230427 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **3.62** | - | **4.56** | - | - | **4.75** | - |
| SW048 | 27 Oct 2023 | 0861_SW048_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **2.96** | - | **4.46** | - | - | **4.65** | - |
| SW048 | 28 Oct 2024 | 0861_SW048_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **1.52** | - | **2.92** | - | - | **3.37** | - |
| SW048 | 06 May 2025 | 0861_SW048_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.81** | - | **1.1** | - | - | **1.22** | - |
| SW049 | 14 Sep 2017 | 0861_SW049_170914 | QLD_0861_PFAS | Normal | EB1719065 | **3.42** | - | **4.54** | - | - | **4.75** | - |
| SW049 | 10 May 2019 | 0861_SW049_190510 | QLD_0861_PFAS | Normal | EB1911952 | **11.3** | - | **18.2** | - | - | **19.5** | - |
| SW049 | 20 Apr 2020 | 0861_QC108_200420 | QLD_0861_PFASOMP | Field_D | EB2011246-AC | **3.93** | - | **6.12** | - | - | **6.4** | - |
| SW049 | 20 Apr 2020 | 0861_QC208_200420 | QLD_0861_PFASOMP | Interlab_D | RN1274652 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW049 | 20 Apr 2020 | 0861_SW049_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **3.57** | - | **4.9** | - | - | **5.2** | - |
| SW049 | 13 Oct 2020 | 0861_SW049_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **7.10** | - | **10.8** | - | - | **11.4** | - |
| SW049 | 13 Apr 2021 | 0861_SW049_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | **4.62** | - | **6.81** | - | - | **7.25** | - |
| SW049 | 20 Oct 2021 | 0861_SW049_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | **4.47** | - | **6.87** | - | - | **7.21** | - |
| SW049 | 31 Mar 2022 | 0861_SW049_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.81** | - | **0.95** | - | - | **0.97** | - |
| SW049 | 19 Oct 2022 | 0861_QC187_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.63** | - | **0.73** | - | - | **0.73** | - |
| SW049 | 19 Oct 2022 | 0861_QC287_221019 | QLD_0861_PFASOMP | Field_D | EB2231197 | **0.61** | - | **0.72** | - | - | **0.72** | - |
| SW049 | 19 Oct 2022 | 0861_SW049_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.66** | - | **0.75** | - | - | **0.75** | - |
| SW049 | 26 Apr 2023 | 0861_SW049_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **1.50** | - | **1.95** | - | - | **2.05** | - |
| SW049 | 28 Oct 2023 | 0861_SW049_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333894-AA | **1.81** | - | **2.64** | - | - | **2.78** | - |
| SW049 | 10 Apr 2024 | 0861_QC102_240410 | QLD_0861_PFASOMP_24 | Field_D | EB2413950 | **1.22** | - | **1.51** | - | - | **1.56** | - |
| SW049 | 10 Apr 2024 | 0861_QC202_240410 | QLD_0861_PFASOMP_24 | Interlab_D | RN1427801 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW049 | 10 Apr 2024 | 0861_SW049_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **1.29** | - | **1.58** | - | - | **1.62** | - |
| SW049 | 01 Nov 2024 | 0861_SW049_241101 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **1.18** | - | **1.7** | - | - | **1.82** | - |
| SW049 | 28 Apr 2025 | 0861_SW049_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.68** | - | **0.81** | - | - | **0.84** | - |
| SW050 | 30 May 2017 | 0861_SW50_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.230** | - | **0.251** | - | - | **0.360** | - |
| SW050 | 01 May 2019 | 0861_SW050_190501 | QLD_0861_PFAS | Normal | EB1911387 | **0.29** | - | **0.44** | - | - | **0.46** | - |
| SW050 | 19 Nov 2019 | 0861_SW050_191119 | QLD_0861_PFAS | Normal | EB1931427 | **1.10** | - | **1.58** | - | - | **1.63** | - |
| SW050 | 15 Apr 2020 | 0861_SW050_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **1.03** | - | **1.48** | - | - | **1.54** | - |
| SW050 | 14 Oct 2020 | 0861_SW050_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.40** | - | **0.68** | - | - | **0.68** | - |
| SW050 | 14 Apr 2021 | 0861_SW050_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW050 | 19 Oct 2021 | 0861_SW050_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW050 | 01 Apr 2022 | 0861_SW050_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW050 | 11 May 2023 | 0861_SW050_230511 | QLD_0861_PFASOMP_23 | Normal | EB2314270 | **0.22** | - | **0.26** | - | - | **0.26** | - |
| SW050 | 24 Oct 2023 | 0861_SW050_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.51** | - | **0.62** | - | - | **0.64** | - |
| SW050 | 11 Apr 2024 | 0861_SW050_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.01** | - | **0.01** | - | - | **0.01** | - |
| SW050 | 04 Nov 2024 | 0861_SW050_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **0.13** | - | **0.16** | - | - | **0.17** | - |
| SW050 | 01 May 2025 | 0861_QC107_250501 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | **1.09** | - | **1.69** | - | - | **1.82** | - |
| SW050 | 01 May 2025 | 0861_QC207_250501 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | **1.4** | - | - | - | - | **2.3** | - |
| SW050 | 01 May 2025 | 0861_SW050_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **1.09** | - | **1.69** | - | - | **1.83** | - |
| SW051 | 02 Jun 2017 | 0861_SW51_170602 | QLD_0861_PFAS | Normal | EB1711373 | **0.66** | - | **0.80** | - | - | **0.85** | - |
| SW051 | 01 May 2019 | 0861_SW051_190501 | QLD_0861_PFAS | Normal | EB1911387 | **1.00** | - | **1.77** | - | - | **1.84** | - |
| SW051 | 19 Nov 2019 | 0861_SW051_191119 | QLD_0861_PFAS | Normal | EB1931427 | **1.07** | - | **1.53** | - | - | **1.58** | - |
| SW051 | 20 Nov 2019 | 0861_SW051_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.15** | - | **0.20** | - | - | **0.20** | - |
| SW051 | 15 Apr 2020 | 0861_SW051_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **0.51** | - | **0.62** | - | - | **0.62** | - |
| SW051 | 14 Oct 2020 | 0861_SW051_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.45** | - | **0.86** | - | - | **0.86** | - |
| SW051 | 13 Apr 2021 | 0861_SW051_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW051 | 19 Oct 2021 | 0861_SW051_211019 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.14** | - | **0.17** | - | - | **0.17** | - |
| SW051 | 01 Apr 2022 | 0861_SW051_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW051 | 20 Oct 2022 | 0861_SW051_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.33** | - | **0.45** | - | - | **0.47** | - |
| SW051 | 19 Apr 2023 | 0861_SW051_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.13** | - | **0.13** | - | - | **0.13** | - |
| SW051 | 24 Oct 2023 | 0861_SW051_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.54** | - | **0.69** | - | - | **0.72** | - |
| SW051 | 11 Apr 2024 | 0861_SW051_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW051 | 04 Nov 2024 | 0861_SW051_241104 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **0.21** | - | **0.25** | - | - | **0.25** | - |
| SW051 | 29 Apr 2025 | 0861_SW051_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW052 | 30 May 2017 | 0861_QC01_SW_170530 | QLD_0861_PFAS | Field_D | ES1713428 | **0.005** | - | **0.002** | - | - | **0.005** | - |
| SW052 | 30 May 2017 | 0861_QC02_SW_170530 | QLD_0861_PFAS | Interlab_D | 168440 | - | - | - | - | - | - | - |
| SW052 | 30 May 2017 | 0861_SW52_170530 | QLD_0861_PFAS | Normal | ES1713428 | **0.005** | - | **0.004** | - | - | **0.007** | - |
| SW052 | 10 May 2019 | 0861_SW052_190510 | QLD_0861_PFAS | Normal | EB1911952 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 20 Nov 2019 | 0861_SW052_191120 | QLD_0861_PFAS | Normal | EB1931427 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 20 Apr 2020 | 0861_SW052_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | *<0.01* | - | **0.1** | - | - | **0.1** | - |
| SW052 | 13 Oct 2020 | 0861_SW052_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | *<0.05* | - | *<0.05* | - | - | *<0.05* | - |
| SW052 | 13 Apr 2021 | 0861_SW052_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 20 Oct 2021 | 0861_SW052_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 31 Mar 2022 | 0861_SW052_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 19 Oct 2022 | 0861_SW052_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 26 Apr 2023 | 0861_SW052_230426 | QLD_0861_PFASOMP_23 | Normal | EB2312761-AA | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW052 | 10 Apr 2024 | 0861_SW052_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW052 | 18 Nov 2024 | 0861_QC101_241118 | QLD_0861_PFASOMP_24a | Field_D | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW052 | 18 Nov 2024 | 0861_QC201_241118 | QLD_0861_PFASOMP_24a | Interlab_D | 366899 | *<0.01* | - | - | - | - | *<0.01* | - |
| SW052 | 18 Nov 2024 | 0861_SW052_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW052 | 28 Apr 2025 | 0861_SW052_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW053 | 17 Oct 2017 | 0861_SW053_171020 | QLD_0861_PFAS | Normal | EB1721894 | **5.29** | - | **3.04** | - | - | **6.27** | - |
| SW053 | 03 Dec 2019 | SW053_191203 | QLD_0861_PFAS | Normal | EB1932627 | **0.82** | - | **0.98** | - | - | **1.02** | - |
| SW053 | 21 Apr 2020 | 0861_SW053_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW053 | 21 Oct 2020 | 0861_SW053_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | **0.21** | - | **0.25** | - | - | **0.25** | - |
| SW053 | 19 Apr 2021 | 0861_SW053_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.14** | - | **0.14** | - | - | **0.14** | - |
| SW053 | 25 Oct 2021 | 0861_SW053_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **1.01** | - | **1.21** | - | - | **1.27** | - |
| SW053 | 06 Apr 2022 | 0861_SW053_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | **0.22** | - | **0.22** | - | - | **0.22** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW053 | 24 Oct 2022 | 0861_SW053_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **0.35** | - | **0.39** | - | - | **0.41** | - |
| SW053 | 21 Apr 2023 | 0861_SW053_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW053 | 29 Nov 2023 | 0861_SW053_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **1.51** | - | **1.64** | - | - | **1.70** | - |
| SW053 | 18 Apr 2024 | 0861_SW053_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.30** | - | **0.32** | - | - | **0.32** | - |
| SW053 | 05 Nov 2024 | 0861_SW053_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **0.1** | - | **0.13** | - | - | **0.13** | - |
| SW053 | 06 May 2025 | 0861_SW053_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **0.06** | - | **0.06** | - | - | *<0.1* | - |
| SW056 | 14 Sep 2017 | 0861_SW056_170914 | QLD_0861_PFAS | Normal | EB1719065 | **5.77** | - | **6.73** | - | - | **7.03** | - |
| SW056 | 01 May 2019 | 0861_SW056_190401 | QLD_0861_PFAS | Normal | EB1911387 | **1.92** | - | **2.79** | - | - | **2.91** | - |
| SW056 | 18 Nov 2019 | 0861_QC101_191118 | QLD_0861_PFAS | Field_D | EB1931427 | **3.94** | - | **4.80** | - | - | **5.01** | - |
| SW056 | 18 Nov 2019 | 0861_QC202_191118 | QLD_0861_PFAS | Interlab_D | 231783 | **4.2** | - | - | - | - | **5.4** | - |
| SW056 | 19 Nov 2019 | 0861_SW056_191118 | QLD_0861_PFAS | Normal | EB1931427 | **4.22** | - | **5.10** | - | - | **5.31** | - |
| SW056 | 21 Nov 2019 | 0861_QC102_191118 | QLD_0861_PFAS | Field_D | EB1931427 | **3.99** | - | **4.78** | - | - | **4.99** | - |
| SW056 | 15 Apr 2020 | 0861_QC104_200415 | QLD_0861_PFASOMP | Field_D | EB2010666-AE | **4.59** | - | **7.34** | - | - | **7.73** | - |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1271947 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW056 | 15 Apr 2020 | 0861_QC204_200415 | QLD_0861_PFASOMP | Interlab_D | RN1274650 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW056 | 15 Apr 2020 | 0861_SW056_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **4.32** | - | **7.08** | - | - | **7.48** | - |
| SW056 | 19 Oct 2020 | 0861_QC131_201019 | QLD_0861_PFASOMP | Field_D | EB2027539 | **3.72** | - | **4.53** | - | - | **4.72** | - |
| SW056 | 19 Oct 2020 | 0861_QC231_201019 | QLD_0861_PFASOMP | Interlab_D | RN1292508 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW056 | 19 Oct 2020 | 0861_SW056_201019 | QLD_0861_PFASOMP | Normal | EB2027539 | **3.85** | - | **4.70** | - | - | **4.90** | - |
| SW056 | 30 Mar 2021 | 0861_SW056_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **2.63** | - | **5.39** | - | - | **5.68** | - |
| SW056 | 26 Oct 2021 | 0861_SW056_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **2.56** | - | **4.82** | - | - | **5.12** | - |
| SW056 | 28 Mar 2022 | 0861_SW056_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **5.81** | - | **9.59** | - | - | **10.3** | - |
| SW056 | 21 Oct 2022 | 0861_QC191_221021 | QLD_0861_PFASOMP | Field_D | EB2231197 | **4.85** | - | **6.94** | - | - | **7.39** | - |
| SW056 | 21 Oct 2022 | 0861_QC291_221021 | QLD_0861_PFASOMP | Interlab_D | RN1370747 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW056 | 21 Oct 2022 | 0861_SW056_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **5.00** | - | **7.09** | - | - | **7.55** | - |
| SW056 | 18 Apr 2023 | 0861_SW056_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **2.20** | - | **2.94** | - | - | **3.12** | - |
| SW056 | 24 Oct 2023 | 0861_SW056_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **7.77** | - | **11.8** | - | - | **12.7** | - |
| SW056 | 09 Apr 2024 | 0861_SW056_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **2.19** | - | **3.19** | - | - | **3.36** | - |
| SW056 | 28 Oct 2024 | 0861_SW056_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **2.24** | - | **2.69** | - | - | **2.85** | - |
| SW056 | 07 May 2025 | 0861_SW056_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **6** | - | **9.15** | - | - | **9.95** | - |
| SW059 | 13 Sep 2017 | 0861_SW059_0_170913 | QLD_0861_PFAS | Normal | EB1719017 | **1.33** | - | **1.59** | - | - | **2.49** | - |
| SW059 | 29 Apr 2019 | 0861_SW059_190429 | QLD_0861_PFAS | Normal | EB1911387 | **17.5** | - | **27.8** | - | - | **29.9** | - |
| SW059 | 03 Nov 2020 | 0861_SW059_201103 | QLD_0861_PFASOMP | Normal | EB2028860 | **15.8** | - | **23.0** | - | - | **24.5** | - |
| SW059 | 30 Mar 2021 | 0861_SW059_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **30.7** | - | **70.9** | - | - | **75.7** | - |
| SW059 | 26 Oct 2021 | 0861_SW059_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **10.1** | - | **17.0** | - | - | **18.0** | - |
| SW059 | 28 Mar 2022 | 0861_SW059_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **1.58** | - | **2.22** | - | - | **2.36** | - |
| SW059 | 21 Oct 2022 | 0861_SW059_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | **8.68** | - | **12.3** | - | - | **13.0** | - |
| SW059 | 17 Apr 2023 | 0861_QC101_230417 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AA | **4.78** | - | **7.35** | - | - | **7.84** | - |
| SW059 | 17 Apr 2023 | 0861_QC201_230417 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW059 | 17 Apr 2023 | 0861_SW059_230417 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **4.94** | - | **7.64** | - | - | **8.12** | - |
| SW059 | 27 Oct 2023 | 0861_SW059_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **7.32** | - | **10.5** | - | - | **11.3** | - |
| SW059 | 09 Apr 2024 | 0861_SW059_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **14.8** | - | **24.0** | - | - | **25.4** | - |
| SW059 | 31 Oct 2024 | 0861_SW059_241031 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **7.3** | - | **10.32** | - | - | **11.31** | - |
| SW059 | 01 May 2025 | 0861_SW059_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **7.2** | - | **11.55** | - | - | **12.62** | - |
| SW064 | 19 Oct 2017 | 0861_SW064_171019 | QLD_0861_PFAS | Normal | EB1721835 | **3.27** | - | **3.50** | - | - | **4.98** | - |
| SW064 | 19 Apr 2021 | 0861_SW064_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **1.71** | - | **2.70** | - | - | **2.92** | - |
| SW064 | 25 Oct 2021 | 0861_SW064_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **1.50** | - | **2.32** | - | - | **2.48** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW064 | 06 Apr 2022 | 0861_QC180_220406 | QLD_0861_PFASOMP | Field_D | EB2209942 | **1.47** | - | **2.01** | - | - | **2.19** | - |
| SW064 | 06 Apr 2022 | 0861_QC280_220406 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW064 | 06 Apr 2022 | 0861_SW064_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | **1.61** | - | **2.07** | - | - | **2.21** | - |
| SW064 | 24 Oct 2022 | 0861_SW064_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **0.73** | - | **0.83** | - | - | **0.85** | - |
| SW064 | 21 Apr 2023 | 0861_SW064_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **1.27** | - | **1.58** | - | - | **1.72** | - |
| SW064 | 29 Nov 2023 | 0861_SW064_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **1.78** | - | **2.52** | - | - | **2.76** | - |
| SW064 | 18 Apr 2024 | 0861_SW064_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **2.73** | - | **4.32** | - | - | **4.64** | - |
| SW064 | 06 May 2025 | 0861_SW064_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.35** | - | **1.57** | - | - | **1.7** | - |
| SW067 | 17 Oct 2017 | 0861_SW067_171020 | QLD_0861_PFAS | Normal | EB1721894 | **2.52** | - | **2.12** | - | - | **3.72** | - |
| SW067 | 03 Dec 2019 | SW067_191203 | QLD_0861_PFAS | Normal | EB1932627 | **50.8** | - | **63.4** | - | - | **68.0** | - |
| SW067 | 21 Apr 2020 | 0861_SW067_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **29.6** | - | **39.8** | - | - | **43.2** | - |
| SW067 | 21 Oct 2020 | 0861_SW067_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | **59.0** | - | **82.2** | - | - | **88.9** | - |
| SW067 | 19 Apr 2021 | 0861_SW067_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **32.9** | - | **43.3** | - | - | **46.8** | - |
| SW067 | 25 Oct 2021 | 0861_SW067_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **19.5** | - | **33.7** | - | - | **35.6** | - |
| SW067 | 24 Oct 2022 | 0861_SW067_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **7.72** | - | **10.6** | - | - | **11.2** | - |
| SW067 | 21 Apr 2023 | 0861_SW067_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **40.1** | - | **61.1** | - | - | **66.9** | - |
| SW067 | 29 Nov 2023 | 0861_SW067_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **12.3** | - | **19.8** | - | - | **21.2** | - |
| SW067 | 06 May 2025 | 0861_SW067_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **11.4** | - | **14.74** | - | - | **16.1** | - |
| SW076 | 13 Sep 2017 | 0861_SW076_SW_170912 | QLD_0861_PFAS | Normal | EB1718855 | **34.5** | - | **21.2** | - | - | **47.4** | - |
| SW076 | 01 May 2019 | 0861_SW076_190501 | QLD_0861_PFAS | Normal | EB1911387 | **5.45** | - | **8.83** | - | - | **9.35** | - |
| SW076 | 15 Apr 2020 | 0861_SW076_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **4.44** | - | **6.98** | - | - | **7.51** | - |
| SW076 | 10 Nov 2020 | 0861_SW076_201110 | QLD_0861_PFASOMP | Normal | EB2029508 | **5.08** | - | **7.19** | - | - | **7.60** | - |
| SW076 | 30 Mar 2021 | 0861_SW076_210330 | QLD_0861_PFASOMP | Normal | EB2108857 | **4.72** | - | **12.2** | - | - | **12.7** | - |
| SW076 | 26 Oct 2021 | 0861_SW076_211026 | QLD_0861_PFASOMP | Normal | EB2130850 | **3.90** | - | **6.69** | - | - | **7.09** | - |
| SW076 | 28 Mar 2022 | 0861_SW076_220328 | QLD_0861_PFASOMP | Normal | EB2209950 | **7.36** | - | **12.5** | - | - | **13.5** | - |
| SW076 | 18 Apr 2023 | 0861_QC103_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | **3.74** | - | **6.30** | - | - | **6.73** | - |
| SW076 | 18 Apr 2023 | 0861_QC203_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW076 | 18 Apr 2023 | 0861_SW076_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **3.76** | - | **6.21** | - | - | **6.65** | - |
| SW076 | 27 Oct 2023 | 0861_SW076_231027 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **6.51** | - | **10.0** | - | - | **10.8** | - |
| SW076 | 09 Apr 2024 | 0861_SW076_240409 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **8.11** | - | **12.2** | - | - | **12.9** | - |
| SW076 | 28 Oct 2024 | 0861_SW076_241028 | QLD_0861_PFASOMP_24a | Normal | 1155836 | **11.3** | - | **17.09** | - | - | **18.68** | - |
| SW076 | 07 May 2025 | 0861_SW076_250507 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **6.6** | - | **10.07** | - | - | **10.96** | - |
| SW079 | 17 Oct 2017 | 0861_SW079_171020 | QLD_0861_PFAS | Normal | EB1721894 | **14.6** | - | **11.0** | - | - | **20.1** | - |
| SW079 | 21 Apr 2020 | 0861_SW079_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **50.2** | - | **65.3** | - | - | **72.2** | - |
| SW079 | 21 Oct 2020 | 0861_SW079_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | **46.7** | - | **60.7** | - | - | **65.8** | - |
| SW079 | 19 Apr 2021 | 0861_QC145_210419 | QLD_0861_PFASOMP | Field_D | EB2111121 | **23.3** | - | **31.1** | - | - | **34.5** | - |
| SW079 | 19 Apr 2021 | 0861_QC245_210419 | QLD_0861_PFASOMP | Interlab_D | RN1313031 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW079 | 19 Apr 2021 | 0861_SW079_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **26.5** | - | **34.9** | - | - | **39.3** | - |
| SW079 | 25 Oct 2021 | 0861_SW079_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.73** | - | **0.98** | - | - | **1.03** | - |
| SW079 | 06 Apr 2022 | 0861_SW079_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | **15.6** | - | **20.2** | - | - | **22.0** | - |
| SW079 | 24 Oct 2022 | 0861_SW079_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **1.76** | - | **2.08** | - | - | **2.19** | - |
| SW079 | 21 Apr 2023 | 0861_SW079_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **16.8** | - | **21.0** | - | - | **22.6** | - |
| SW079 | 29 Nov 2023 | 0861_SW079_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **0.13** | - | **0.15** | - | - | **0.15** | - |
| SW079 | 18 Apr 2024 | 0861_SW079_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **15.8** | - | **20.2** | - | - | **21.8** | - |
| SW079 | 05 Nov 2024 | 0861_QC102_241105 | QLD_0861_PFASOMP_24a | Field_D | 1156536 | **22** | - | **28.26** | - | - | **31.78** | - |
| SW079 | 05 Nov 2024 | 0861_QC202_241105 | QLD_0861_PFASOMP_24a | Interlab_D | 365856 | **28** | - | - | - | - | **37** | - |
| SW079 | 05 Nov 2024 | 0861_SW079_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **23** | - | **28.61** | - | - | **31.54** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW079 | 06 May 2025 | 0861_SW079_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **20.9** | - | **26.09** | - | - | **28.57** | - |
| SW080 | 17 Oct 2017 | 0861_SW080_171020 | QLD_0861_PFAS | Normal | EB1721894 | **8.46** | - | **6.99** | - | - | **11.5** | - |
| SW080 | 13 May 2019 | 0861_SW080_190513 | QLD_0861_PFAS | Normal | EB1912390 | **40.8** | - | **52.3** | - | - | **56.9** | - |
| SW080 | 03 Dec 2019 | 0861_QC203_191203 | QLD_0861_PFAS | Interlab_D | 232657 | **17** | - | - | - | - | **22** | - |
| SW080 | 03 Dec 2019 | QC103_191203 | QLD_0861_PFAS | Field_D | EB1932627 | **15.5** | - | **19.3** | - | - | **20.7** | - |
| SW080 | 03 Dec 2019 | SW080_191203 | QLD_0861_PFAS | Normal | EB1932627 | **14.2** | - | **15.9** | - | - | **17.0** | - |
| SW080 | 21 Apr 2020 | 0861_SW080_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **51.5** | - | **64.8** | - | - | **71.3** | - |
| SW080 | 06 Aug 2020 | 0861_SW033_200806 | QLD_0861_WQMP | Normal | EB2020759 | **47.9** | - | **60.4** | - | - | **65.2** | - |
| SW080 | 21 Oct 2020 | 0861_SW080_201021 | QLD_0861_PFASOMP | Normal | EB2027539 | **34.8** | - | **45.1** | - | - | **49.0** | - |
| SW080 | 18 Feb 2021 | 0861_SW033_210218 | QLD_0861_WQMP | Normal | EB2104539 | **21.6** | - | **28.5** | - | - | **30.9** | - |
| SW080 | 19 Apr 2021 | 0861_SW080_210419 | QLD_0861_PFASOMP | Normal | EB2111121 | **55.9** | - | **70.2** | - | - | **75.4** | - |
| SW080 | 12 Aug 2021 | 0861_SW033_210812 | QLD_0861_WQMP | Normal | EB2122672 | **51.8** | - | **65.8** | - | - | **71.2** | - |
| SW080 | 25 Oct 2021 | 0861_SW080_211025 | QLD_0861_PFASOMP | Normal | EB2130835 | **4.97** | - | **5.82** | - | - | **6.10** | - |
| SW080 | 17 Feb 2022 | 0861_SW080_220217 | QLD_0861_WQMP_22 | Normal | EB2204405 | **48.3** | - | **63.1** | - | - | **69.4** | - |
| SW080 | 06 Apr 2022 | 0861_SW080_220406 | QLD_0861_PFASOMP | Normal | EB2209951 | **36.6** | - | **46.8** | - | - | **51.2** | - |
| SW080 | 10 Jun 2022 | 0861_SW080_220610 | QLD_0861_WQMP_22 | Normal | EB2216633 | **38.1** | - | **49.1** | - | - | **53.4** | - |
| SW080 | 24 Oct 2022 | 0861_SW080_221024 | QLD_0861_PFASOMP | Normal | EB2231825 | **1.98** | - | **1.98** | - | - | **1.98** | - |
| SW080 | 08 Feb 2023 | 0861_SW080_230208 | QLD_0861_WQMP_23 | Normal | EB2303526 | **35.3** | - | **44.1** | - | - | **47.7** | - |
| SW080 | 21 Apr 2023 | 0861_SW080_230421 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **45.9** | - | **56.3** | - | - | **60.6** | - |
| SW080 | 14 Aug 2023 | 0861_SW080_230814 | QLD_0861_WQMP_23 | Normal | EB2324952 | **55.5** | - | **72.0** | - | - | **79.0** | - |
| SW080 | 29 Nov 2023 | 0861_SW080_231129 | QLD_0861_PFASOMP_23 | Normal | EB2337879-AA | **5.19** | - | **6.23** | - | - | **6.62** | - |
| SW080 | 19 Dec 2023 | 0861_SW080_231219 | QLD_0861_WQMP_24 | Normal | EB2340288 | **32.7** | - | **38.3** | - | - | **40.4** | - |
| SW080 | 18 Apr 2024 | 0861_SW080_240418 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **52.6** | - | **63.8** | - | - | **68.4** | - |
| SW080 | 31 Jul 2024 | 0861_SW080_240731 | QLD_0861_WQMP_24 | Normal | EB2426094 | **51.8** | - | **66.9** | - | - | **72.3** | - |
| SW080 | 05 Nov 2024 | 0861_SW080_241105 | QLD_0861_PFASOMP_24a | Normal | 1156536 | **24** | - | **29.25** | - | - | **32.09** | - |
| SW080 | 05 Feb 2025 | 0861_SW080_250205 | QLD_0861_WQMP_25 | Normal | EB2503898 | **24.9** | - | **30.9** | *<0.12* | - | **33.3** | - |
| SW080 | 06 May 2025 | 0861_SW080_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **23** | - | **27.09** | - | - | **29.48** | - |
| SW080 | 07 Aug 2025 | 0861_SW080_250807 | QLD_0861_WQMP_25 | Normal | EB2527345 | **37.7** | - | **46.0** | *<0.06* | - | **50.0** | - |
| SW088 | 15 Sep 2017 | 0861_SW088_170915 | QLD_0861_PFAS | Normal | EB1719132 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 20 Apr 2020 | 0861_SW088_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 13 Oct 2020 | 0861_SW088_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | *<0.02* | - | *<0.02* | - | - | *<0.02* | - |
| SW088 | 13 Apr 2021 | 0861_SW088_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 20 Oct 2021 | 0861_SW088_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 31 Mar 2022 | 0861_QC175_220331 | QLD_0861_PFASOMP | Field_D | EB2209942 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 31 Mar 2022 | 0861_QC275_220331 | QLD_0861_PFASOMP | Interlab_D | RN1349008 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW088 | 31 Mar 2022 | 0861_SW088_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 19 Oct 2022 | 0861_SW088_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 22 May 2023 | 0861_SW088_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 23 Oct 2023 | 0861_SW088_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 10 Apr 2024 | 0861_SW088_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW088 | 18 Nov 2024 | 0861_SW088_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW088 | 28 Apr 2025 | 0861_SW088_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW089 | 14 Sep 2017 | 0861_SW089_170914 | QLD_0861_PFAS | Normal | EB1719065 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW089 | 10 May 2019 | 0861_SW089_190510 | QLD_0861_PFAS | Normal | EB1911952 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW089 | 20 Apr 2020 | 0861_SW089_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW089 | 13 Apr 2021 | 0861_SW089_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW089 | 20 Oct 2021 | 0861_SW089_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW089 | 31 Mar 2022 | 0861_SW089_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW089 | 19 Oct 2022 | 0861_SW089_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW089 | 22 May 2023 | 0861_SW089_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW089 | 23 Oct 2023 | 0861_SW089_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW089 | 10 Apr 2024 | 0861_SW089_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW089 | 18 Nov 2024 | 0861_SW089_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW089 | 02 May 2025 | 0861_SW089_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW090 | 14 Sep 2017 | 0861_SW090_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 10 May 2019 | 0861_QC101_190510 | QLD_0861_PFAS | Field_D | EB1911952 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 10 May 2019 | 0861_QC201_190510 | QLD_0861_PFAS | Interlab_D | 217521 | <0.01 | - | - | - | - | <0.01 | - |
| SW090 | 10 May 2019 | 0861_SW90_190510 | QLD_0861_PFAS | Normal | EB1911952 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 20 Apr 2020 | 0861_SW090_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 13 Oct 2020 | 0861_SW090_201013 | QLD_0861_PFASOMP | Normal | EB2027176-AA | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 14 Apr 2021 | 0861_SW090_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 21 Oct 2021 | 0861_SW090_211021 | QLD_0861_PFASOMP | Normal | EB2130850 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 31 Mar 2022 | 0861_SW090_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 21 Oct 2022 | 0861_SW090_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 22 May 2023 | 0861_QC112_230522 | QLD_0861_PFASOMP_23 | Field_D | EB2315514 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 22 May 2023 | 0861_SW090_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 23 Oct 2023 | 0861_SW090_231023 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 10 Apr 2024 | 0861_SW090_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW090 | 18 Nov 2024 | 0861_SW090_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW090 | 02 May 2025 | 0861_SW090_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW091 | 14 Sep 2017 | 0861_SW091_170914 | QLD_0861_PFAS | Normal | EB1719065 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 20 Apr 2020 | 0861_SW091_200420 | QLD_0861_PFASOMP | Normal | EB2011246-AC | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 14 Apr 2021 | 0861_SW091_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 21 Oct 2021 | 0861_SW091_211021 | QLD_0861_PFASOMP | Normal | EB2130835 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 31 Mar 2022 | 0861_SW091_220331 | QLD_0861_PFASOMP | Normal | EB2209950 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 21 Oct 2022 | 0861_SW091_221021 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 22 May 2023 | 0861_SW091_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 10 Apr 2024 | 0861_SW091_240410 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW091 | 18 Nov 2024 | 0861_SW091_241118 | QLD_0861_PFASOMP_24a | Normal | 1161658 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW091 | 02 May 2025 | 0861_SW091_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW094 | 15 Sep 2017 | 0861_SW094_170915 | QLD_0861_PFAS | Normal | EB1719132 | **0.95** | - | **1.41** | - | - | **1.51** | - |
| SW094 | 15 Apr 2020 | 0861_SW094_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AE | **1.88** | - | **2.86** | - | - | **2.99** | - |
| SW094 | 14 Oct 2020 | 0861_SW094_201014 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.16** | - | **0.25** | - | - | **0.25** | - |
| SW094 | 14 Apr 2021 | 0861_SW094_210414 | QLD_0861_PFASOMP | Normal | EB2111121 | **1.47** | - | **2.65** | - | - | **2.80** | - |
| SW094 | 22 Oct 2021 | 0861_SW094_211022 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.33** | - | **0.44** | - | - | **0.44** | - |
| SW094 | 01 Apr 2022 | 0861_SW094_220401 | QLD_0861_PFASOMP | Normal | EB2209950 | **2.27** | - | **3.31** | - | - | **3.54** | - |
| SW094 | 19 Oct 2022 | 0861_SW094_221019 | QLD_0861_PFASOMP | Normal | EB2231197 | <0.01 | - | <0.01 | - | - | <0.01 | - |
| SW094 | 22 May 2023 | 0861_SW094_230522 | QLD_0861_PFASOMP_23 | Normal | EB2315514 | **0.21** | - | **0.26** | - | - | **0.26** | - |
| SW094 | 24 Oct 2023 | 0861_SW094_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.10** | - | **0.10** | - | - | **0.10** | - |
| SW094 | 11 Apr 2024 | 0861_SW094_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW094 | 08 Nov 2024 | 0861_SW094_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **1.55** | - | **2.12** | - | - | **2.24** | - |
| SW094 | 01 May 2025 | 0861_SW094_250501 | QLD_0861_PFASOMP_25 | Normal | 1215849 | <0.01 | - | <0.05 | - | - | <0.1 | - |
| SW096 | 18 Sep 2017 | 0861_SW096_170918 | QLD_0861_PFAS | Normal | EB1719278 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW096 | 29 Apr 2025 | 0861_SW096_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.02** | - | <0.05 | - | - | <0.1 | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfuolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW098 | 15 Sep 2017 | 0861_SW098_170915 | QLD_0861_PFAS | Normal | EB1719132 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW098 | 06 May 2019 | 0861_SW098_190506 | QLD_0861_PFAS | Normal | EB1911952 | **0.59** | - | **1.09** | - | - | **1.12** | - |
| SW098 | 20 Nov 2019 | 0861_SW098_191120 | QLD_0861_PFAS | Normal | EB1931427 | **0.74** | - | **1.17** | - | - | **1.20** | - |
| SW098 | 15 Apr 2020 | 0861_SW098_200415 | QLD_0861_PFASOMP | Normal | EB2010666-AF | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW098 | 15 Oct 2020 | 0861_SW098_201015 | QLD_0861_PFASOMP | Normal | EB2027208-AA | **0.72** | - | **1.28** | - | - | **1.32** | - |
| SW098 | 15 Apr 2021 | 0861_SW098_210415 | QLD_0861_PFASOMP | Normal | EB2111112 | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW098 | 19 Oct 2021 | 0861_SW098_211019 | QLD_0861_PFASOMP | Normal | EB2130815 | **0.16** | - | **0.21** | - | - | **0.21** | - |
| SW098 | 01 Apr 2022 | 0861_SW098_220401 | QLD_0861_PFASOMP | Normal | EB2209946 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW098 | 20 Oct 2022 | 0861_SW098_221020 | QLD_0861_PFASOMP | Normal | EB2231202 | **0.43** | - | **0.57** | - | - | **0.59** | - |
| SW098 | 18 Apr 2023 | 0861_QC102_230418 | QLD_0861_PFASOMP_23 | Field_D | EB2312062-AB | **0.15** | - | **0.15** | - | - | **0.15** | - |
| SW098 | 18 Apr 2023 | 0861_QC202_230418 | QLD_0861_PFASOMP_23 | Interlab_D | RN1393124 | - | *<0.01* | - | *<0.02* | *<0.05* | - | *<0.02* |
| SW098 | 18 Apr 2023 | 0861_SW098_230418 | QLD_0861_PFASOMP_23 | Normal | EB2312057 | **0.17** | - | **0.17** | - | - | **0.17** | - |
| SW098 | 26 Oct 2023 | 0861_SW098_231026 | QLD_0861_PFASOMP_23 | Normal | EB2333898 | **0.54** | - | **0.70** | - | - | **0.73** | - |
| SW098 | 12 Apr 2024 | 0861_SW098_240412 | QLD_0861_PFASOMP_24 | Normal | EB2413946 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW098 | 08 Nov 2024 | 0861_SW098_241108 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.25** | - | **0.41** | - | - | **0.41** | - |
| SW098 | 29 Apr 2025 | 0861_SW098_250429 | QLD_0861_PFASOMP_25 | Normal | 1215379 | **0.03** | - | *<0.05* | - | - | *<0.1* | - |
| SW099 | 15 Sep 2017 | 0861_SW099_170915 | QLD_0861_PFAS | Normal | EB1719132 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW099 | 07 May 2019 | 0861_SW099_190507 | QLD_0861_PFAS | Normal | EB1911952 | **0.03** | - | **0.05** | - | - | **0.05** | - |
| SW099 | 27 Nov 2019 | 0861_SW099_191127 | QLD_0861_PFAS | Normal | EB1932183 | **0.10** | - | **0.10** | - | - | **0.10** | - |
| SW099 | 21 Apr 2020 | 0861_SW099_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW099 | 15 Oct 2020 | 0861_SW099_201015 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.04** | - | **0.04** | - | - | **0.04** | - |
| SW099 | 13 Apr 2021 | 0861_SW099_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW099 | 20 Oct 2021 | 0861_SW099_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW099 | 29 Mar 2022 | 0861_SW099_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW099 | 20 Oct 2022 | 0861_SW099_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.12** | - | **0.12** | - | - | **0.12** | - |
| SW099 | 19 Apr 2023 | 0861_SW099_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | *<0.02* | - | *<0.01* | - | - | *<0.01* | - |
| SW099 | 24 Oct 2023 | 0861_SW099_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AA | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW099 | 11 Apr 2024 | 0861_SW099_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW099 | 06 Nov 2024 | 0861_SW099_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.03** | - | *<0.05* | - | - | *<0.1* | - |
| SW099 | 29 Apr 2025 | 0861_QC103_250429 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW099 | 29 Apr 2025 | 0861_QC203_250429 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | *<0.010* | - | - | - | - | *<0.010* | - |
| SW099 | 29 Apr 2025 | 0861_SW099_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW100 | 18 Sep 2017 | 0861_SW100_170918 | QLD_0861_PFAS | Normal | EB1719278 | **0.14** | - | **0.28** | - | - | **0.28** | - |
| SW100 | 07 May 2019 | 0861_QC102_190507 | QLD_0861_PFAS | Field_D | EB1911952 | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW100 | 07 May 2019 | 0861_QC202_190507 | QLD_0861_PFAS | Interlab_D | 217521 | **0.08** | - | - | - | - | **0.08** | - |
| SW100 | 07 May 2019 | 0861_SW100_190507 | QLD_0861_PFAS | Normal | EB1911952 | **0.02** | - | **0.02** | - | - | **0.02** | - |
| SW100 | 27 Nov 2019 | 0861_QC203_191127 | QLD_0861_PFAS | Interlab_D | 232094-A | **0.09** | - | - | - | - | **0.09** | - |
| SW100 | 27 Nov 2019 | 0861_SW100_191127 | QLD_0861_PFAS | Normal | EB1932183 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW100 | 27 Nov 2019 | QC103_191127 | QLD_0861_PFAS | Field_D | EB1934177 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW100 | 21 Apr 2020 | 0861_SW100_200421 | QLD_0861_PFASOMP | Normal | EB2011246-AC | **0.07** | - | **0.07** | - | - | **0.07** | - |
| SW100 | 16 Oct 2020 | 0861_SW100_201016 | QLD_0861_PFASOMP | Normal | EB2027176-AA | **0.03** | - | **0.03** | - | - | **0.03** | - |
| SW100 | 13 Apr 2021 | 0861_SW100_210413 | QLD_0861_PFASOMP | Normal | EB2111121 | **0.06** | - | **0.06** | - | - | **0.06** | - |
| SW100 | 20 Oct 2021 | 0861_SW100_211020 | QLD_0861_PFASOMP | Normal | EB2130835 | **0.05** | - | **0.05** | - | - | **0.05** | - |
| SW100 | 29 Mar 2022 | 0861_SW100_220329 | QLD_0861_PFASOMP | Normal | EB2209951 | **0.08** | - | **0.08** | - | - | **0.08** | - |
| SW100 | 20 Oct 2022 | 0861_SW100_221020 | QLD_0861_PFASOMP | Normal | EB2231197 | **0.09** | - | **0.09** | - | - | **0.09** | - |
| SW100 | 19 Apr 2023 | 0861_SW100_230419 | QLD_0861_PFASOMP_23 | Normal | EB2312062-AA | **0.28** | - | **0.32** | - | - | **0.32** | - |
| SW100 | 24 Oct 2023 | 0861_SW100_231024 | QLD_0861_PFASOMP_23 | Normal | EB2333887-AB | **0.05** | - | **0.05** | - | - | **0.05** | - |

**Table C-4: Historical Surface Water Analytical Summary**

| | | | | | | PFAS | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sum of PFHxS and PFOS | FOUEA (70887-84-2) | Sum of PFAS (WA DER List) | Perfluolohexadecanoic acid (PFHxDA) | Perfuorootadecanoic acid (PFODA) | Sum of PFAS | 8:2 diPAP (678-41-1) |
| | | | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | | | 0.002 | 0.01 | 0.002 | 0.02 | 0.05 | 0.002 | 0.02 |
| PFAS NEMP 2025 Drinking water quality guideline | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 95% | | | | | | | | | | | | |
| PFAS NEMP 2025 Freshwater 99% | | | | | | | | | | | | |
| PFAS NEMP 2025 Recreational water quality guideline | | | | | | 2 | | | | | | |
| **Location Code** | **Date** | **Field ID** | **Project ID** | **Sample Type** | **Lab Report Number** | | | | | | | |
| SW100 | 11 Apr 2024 | 0861_SW100_240411 | QLD_0861_PFASOMP_24 | Normal | EB2413910 | *<0.01* | - | *<0.01* | - | - | *<0.01* | - |
| SW100 | 06 Nov 2024 | 0861_SW100_241106 | QLD_0861_PFASOMP_24a | Normal | 1158333 | **0.06** | - | **0.06** | - | - | *<0.1* | - |
| SW100 | 29 Apr 2025 | 0861_SW100_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW530 | 10 Aug 2021 | 0861_QC102_210810 | QLD_0861_PFASMGMT | Field_D | EB2122528 | **1.23** | - | **2.01** | - | - | **2.14** | - |
| SW530 | 10 Aug 2021 | 0861_QC202_210810 | QLD_0861_PFASMGMT | Interlab_D | 817282 | **0.98** | - | **1.57** | - | - | **1.72** | - |
| SW530 | 10 Aug 2021 | 0861_SW530_210810 | QLD_0861_PFASMGMT | Normal | EB2122528 | **1.14** | - | **1.89** | - | - | **2.02** | - |
| SW530 | 12 Oct 2021 | 0861_QC121_211109 | QLD_0861_PFASMGMT | Field_D | EB2132324 | **0.81** | - | **1.20** | - | - | **1.27** | - |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0113 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.80** | - | **1.16** | - | - | **1.23** | - |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0213 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.83** | - | **1.16** | - | - | **1.21** | - |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_0413 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.37** | - | **0.48** | - | - | **0.50** | - |
| SW530 | 12 Oct 2021 | 0861_SW530_211012_1613 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.61** | - | **0.87** | - | - | **0.90** | - |
| SW530 | 13 Oct 2021 | 0861_SW530_211013_0813 | QLD_0861_PFASMGMT | Normal | EB2132324 | **0.61** | - | **0.95** | - | - | **0.99** | - |
| SW530 | 12 Nov 2021 | 0861_QC221_211109 | QLD_0861_PFASMGMT | Interlab_D | 841406 | **0.77** | - | **1.12** | - | - | **1.18** | - |
| SW530 | 30 Apr 2025 | 0861_SW530_250430 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **2.44** | - | **3.42** | - | - | **3.77** | - |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1325 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.31** | - | **1.83** | - | - | **1.93** | - |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1455 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.30** | - | **1.80** | - | - | **1.89** | - |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1615 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.20** | - | **1.72** | - | - | **1.80** | - |
| SW570 | 03 Feb 2022 | 0861_SW570_220203_1725 | QLD_0861_PFASMGMT | Normal | EB2203324 | **0.51** | - | **0.65** | - | - | **0.67** | - |
| SW570 | 04 Feb 2022 | 0861_SW570_220204_1340 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.25** | - | **1.83** | - | - | **1.94** | - |
| SW570 | 05 Feb 2022 | 0861_SW570_220205_1300 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.44** | - | **2.03** | - | - | **2.14** | - |
| SW570 | 06 Feb 2022 | 0861_SW570_220206_1230 | QLD_0861_PFASMGMT | Normal | EB2203324 | **1.48** | - | **2.11** | - | - | **2.24** | - |
| SW570 | 06 May 2025 | 0861_SW570_250506 | QLD_0861_PFASOMP_25 | Normal | 1217988 | **1.42** | - | **2.58** | - | - | **2.77** | - |
| SW656 | 02 May 2025 | 0861_QC108_250502 | QLD_0861_PFASOMP_25 | Field_D | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW656 | 02 May 2025 | 0861_QC208_250502 | QLD_0861_PFASOMP_25 | Interlab_D | MGE0149 | *<0.010* | - | - | - | - | *<0.010* | - |
| SW656 | 02 May 2025 | 0861_SW656_250502 | QLD_0861_PFASOMP_25 | Normal | 1215849 | *<0.01* | - | *<0.05* | - | - | *<0.1* | - |
| SW658 | 29 Apr 2025 | 0861_SW658_250429 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.03** | - | *<0.05* | - | - | *<0.1* | - |
| SW661 | 28 Apr 2025 | 0861_SW661_250428 | QLD_0861_PFASOMP_25 | Normal | 1215849 | **0.57** | - | **0.68** | - | - | **0.68** | - |

**Environmental Standards**

HEPA, March 2025, PFAS NEMP 2025 Drinking water quality guideline
HEPA, March 2025, PFAS NEMP 2025 Freshwater 95%
HEPA, March 2025, PFAS NEMP 2025 Freshwater 99%
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

# Appendix D Data Reliability Assessment

| Data Validation | | |
|---|---|---|
| **Project Number:** | 66133 | |
| **Client:** | Department of Defence | |
| **Site:** | Royal Australian Airforce Base, Amberley | |
| **Matrix Type:** | Groundwater and surface water | |
| **Laboratory:** | Eurofins Brisbane, Envirolab Services | |
| **Precision** | | |
| Intra-Laboratory Duplicates (blind) | Collection rate of 1/10 samples.<br><br>RPDs less than 30%, except where:<br>• Results are less than 10 times the LOR (no limit).<br>• Results are less than 20 times the LOR and the RPD is less than 50%<br>• Heterogeneous materials are encountered. | ***Groundwater – 45 Primary Samples***<br><br>A total of 5 groundwater blind duplicates were collected and analysed. Blind duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 8 out of 145 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br><br>***Surface water – 56 Primary Samples***<br><br>A total of 6 surface water blind duplicates were collected and analysed. Blind duplicates were collected and analysed at a rate greater than 1/10 primary samples. There were no analytes out of the 172 replicate analytes (excluded 'analytes' which are a summation of other analytes) that exceeded the acceptance criteria. |
| Inter-laboratory duplicates (split) | Collection rate of 1/10 samples.<br><br>RPDs less than 30%, except where:<br>• Results are less than 10 times the LOR (no limit).<br>• Results are less than 20 times the LOR and the RPD is less than 50%<br>• Heterogeneous materials are encountered. | ***Groundwater – 45 Primary Samples***<br><br>A total of 5 groundwater split duplicates were collected and analysed. Split duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 9 out of 145 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are generally associated with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data.<br><br>***Surface water – 56 Primary Samples***<br><br>A total of 6 surface water split duplicates were collected and analysed. Split duplicates were collected and analysed at a rate greater than 1/10 primary samples. A total of 4 out of 172 replicate analytes (excluded 'analytes' which are a summation of other analytes) exceeded the acceptance criteria. Analyte concentrations between the primary and corresponding blind duplicate samples were within an order of magnitude. The RPD exceedances are generally associated |

| | | |
|---|---|---|
| | | with the low concentrations reported. As such, the exceedances are not considered to impact the validity of the data. |
| Laboratory duplicates | Collection rate of 1/10 samples.<br><br>RPDs less than:<br>20% for high level laboratory duplicates (i.e. >20 x LOR).<br>50% for medium level laboratory duplicates (i.e. 10 to 20 x LOR). | A total of 6 marginal water laboratory duplicate exceedances were reported out of 634 replicate analytes (excluded 'analytes' which are a summation of other analytes). Exceedances were reported from laboratory reports 1215849 and 1217988, with RPDs ranging between 22% and 33%. The concentrations reported are within the margin of error and are not considered to impact the validity of the data. |
| Limit of reporting | - | The limit of reporting was sufficiently low to enable assessment against adopted screening criteria. |
| **Accuracy** | | |
| Field Rinsate blanks | Collection rate of 1/reusable equipment per day.<br><br>Less than laboratory LOR | Rinsate blank samples were collected at a frequency of at least one per day where appropriate, with additional samples collected based on the sampling being undertaken (i.e. where more than one piece of non-disposable sampling equipment was being used). Rinsate blank samples were collected from the decontaminated interface probe and sampling pole (6/7 days from the sampling pole and 8/8 days from the interface probe).<br>Results are presented in Table D-1. PFAS concentrations were reported below the LOR in all samples tested. |
| Field Blanks | Collection rate of 1/day.<br><br>Less than laboratory LOR | Field blank samples were collected at a frequency of one per day of sampling (8 field blanks collected). Results were reported below the LOR for all field blanks. |
| Field trip blanks | Collection rate of 1/laboratory batch.<br><br>Less than laboratory LOR | A total of 2 trip blanks were submitted and analysed for PFAS, with one trip blank submitted per laboratory sample batch. All analytes reported concentrations below the LOR, except for a detection of PFHxS (0.02 µg/L) reported in sample 0861_QC502_250508. This result was reviewed by the laboratory and confirmed. A detection was reported in the trip blank for PFHxS; however, the majority of field samples recorded concentrations greater than those reported in the trip blank. Of the samples that reported lower concentrations, only seven recorded detectable levels of PFHxS across groundwater and surface samples. These results are consistent with historical data for the site. On this basis, the trip blank detection is not considered to impact the reliability of the dataset, and no concerns are identified with respect to data quality. |
| Laboratory matrix spikes | Collection rate of 1/laboratory batch.<br><br>Recoveries between 70-130% | All Laboratory matrix spike recoveries (where reported) were within control limits, except:<br>• 1215379 (water): matrix spike for EtFOSE, MeFOSE. The matrix spike recovery was outside of the recommended acceptance criteria due to a matrix spike interference, noting that an acceptable recovery was obtained for the laboratory control sample. This is not considered to represent a concern with respect to reliability of the data. |

| | | |
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| | | • 1215849 (water): matrix spike for N-MeFOSE, N-EtFOSE, 8:2 FTSA. The matrix spike recovery was outside of the recommended acceptance criteria due to a matrix spike interference, noting that an acceptable recovery was obtained for the laboratory control sample. This is not considered to represent a concern with respect to reliability of the data.<br>• 1217988 (water): matrix spike for PFHxS and PFOS. The matrix spike recovery failed due to the presence of analytes(s) in parent sample SW027 at > 3X the spike concentration, as such recovery was not able to be achieved. This is not considered to represent a concern with respect to reliability of the data.<br>• 1217993 (water): matrix spike for PFOS. The matrix spike recovery failed due to the presence of analytes(s) in parent sample MW025 at > 3X the spike concentration, as such recovery was not able to be achieved. This is not considered to represent a concern with respect to reliability of the data. |
| Laboratory method banks | Collection rate of 1/laboratory batch.<br><br>Less than the laboratory LOR. | All laboratory method blanks were reported below the limit of reporting. |
| Laboratory control samples | Collection rate of 1/laboratory batch.<br><br>Recoveries between laboratories specified range for each particular analyte / analytical suite. | All Laboratory Control Spikes (LCS) recoveries (where reported) were within control limits. |
| Data transcription | - | A random check of 10% of the laboratory results identified no anomalies within the electronic results, table and figures generated by JBS&G. |
| **Representativeness** | | |
| Holding times | All samples within holding time | Samples were extracted and analysed within recommended holding times. |
| Sample locations | - | All samples were collected at locations prescribed by the SAQP. |
| Sampling methodology | - | Samples were collected using appropriate methods, in accordance with the methodology detailed within the SAQP and as detailed in this SER. |
| Equipment decontamination | - | Non-dedicated sampling instrumentation and equipment (interface probe and sampling pole) was decontaminated between sample locations, in accordance with the SAQP as detailed in this SER. |
| Equipment calibration | - | All field equipment was calibrated by the equipment supplier. Calibration certificates and bump test records have been provided in **Appendix E**. |
| **Comparability** | | |
| Sampler | - | Sampling was completed by appropriated trained and qualified personnel. |

| | | |
|---|---|---|
| Standard procedures | - | Sampling was completed in accordance with methodologies outlined in the SAQP. |
| Analytical method | | Samples were analysed using NATA accredited methodologies. |
| **Completeness** | | |
| Program | - | The scope of works was undertaken in general accordance with the SAQP. Deviations from the SAQP have been documented in the SER and are not considered to have a material impact on the program objectives. |
| Data validity | - | The data reliability assessment indicates no significant system errors in data collection and analysis. As such, the data is considered to be adequately valid and complete. |

Table D-1 OMP Groundwater and Surface Water Blanks Summary Table

| | | | | PFAS - Perfluoroalkyl Sulfonic Acids | | | | | | | PFAS - Perfluoroalkyl Carboxylic Acids | | | | | | | | | | | PFAS - (n:2) Fluorotelomer | | | | PFAS - Perfluoroalkyl Sulfonamides | | | | | | | PFAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Perfluorobutane sulfonic acid (PFBS) | Perfluoropentane sulfonic acid (PFPeS) | Perfluorohexane sulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctane sulfonic acid (PFOS) | Perfluorononanesulfonic acid (PFNS) | Perfluorodecane sulfonic acid (PFDS) | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (MeFOSA) | N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | Sum of PFHxS and PFOS | Sum of PFAS (WA DER List) | Sum of PFAS |
| | | | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| LOR | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.01 | 0.05 | 0.1 |
| **Field ID** | **Date** | **Sample Type** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0861_QC301_250428 | 30 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC302_250428 | 28 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC303_250429 | 29 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC304_250429 | 29 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC305_250430 | 30 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC306_250430 | 30 Apr 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC307_250501 | 01 May 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC308_250501 | 01 May 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC309_250502 | 02 May 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC310_250502 | 02 May 2025 | Rinsate | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC311_250506 | 06 May 2025 | Rinsate | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC312_250506 | 06 May 2025 | Rinsate | 1217988 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC313_250507 | 07 May 2025 | Rinsate | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC314_250508 | 08 May 2025 | Rinsate | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC401_250428 | 29 Apr 2025 | Field Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC402_250429 | 29 Apr 2025 | Field Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC403_250430 | 30 Apr 2025 | Field Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC404_250501 | 01 May 2025 | Field Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC405_250502 | 02 May 2025 | Field Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC406_250506 | 06 May 2025 | Field Blank | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC407_250507 | 07 May 2025 | Field Blank | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC408_250508 | 08 May 2025 | Field Blank | 1217993 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC501_250502 | 02 May 2025 | Trip Blank | 1215849 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.05 | <0.1 |
| 0861_QC502_250508 | 08 May 2025 | Trip Blank | 1217993 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | 0.02 | <0.05 | <0.1 |

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Table D-2 OMP Groundwater RPD Summary Table

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Location Code | | MW030 | MW030 | | MW030 | MW030 | | MW029 | MW029 | | MW029 | MW029 | | MW538 |
| | Field ID | | 0861_MW030_250428 | 0861_QC101_250428 | | 0861_MW030_250428 | 0861_QC201_250428 | | 0861_MW029_250429 | 0861_QC102_250429 | | 0861_MW029_250429 | 0861_QC202_250429 | | 0861_MW538_250501 |
| | Date | | 28 Apr 2025 | 28 Apr 2025 | | 28 Apr 2025 | 28 Apr 2025 | | 29 Apr 2025 | 29 Apr 2025 | | 29 Apr 2025 | 29 Apr 2025 | | 01 May 2025 |
| | Sample Type | | Normal | Field_D | | Normal | Interlab_D | | Normal | Field_D | | Normal | Interlab_D | | Normal |
| | Lab Report Number | | 1215849 | 1215849 | RPD | 1215849 | MGE0150 | RPD | 1215849 | 1215849 | RPD | 1215849 | MGE0150 | RPD | 1215849 |
| | Unit | LOR | | | | | | | | | | | | | |
| **PFAS - Perfluoroalkyl Sulfonic Acids** | | | | | | | | | | | | | | | |
| Perfluorobutane sulfonic acid (PFBS) | µg/L | 0.01 | **5.1** | **4.9** | 4 | **5.1** | **5.5** | 8 | **0.71** | **0.69** | 3 | **0.71** | **0.76** | 7 | <0.01 |
| Perfluoropentane sulfonic acid (PFPeS) | µg/L | 0.01 | **4.9** | **4.2** | 15 | **4.9** | **5.8** | 17 | **0.71** | **0.59** | 18 | **0.71** | **0.80** | 12 | <0.01 |
| Perfluorohexane sulfonic acid (PFHxS) | µg/L | 0.01 | **17** | **18** | 6 | **17** | **21** | 21 | **5.2** | **4.8** | 8 | **5.2** | **5.0** | 4 | <0.01 |
| Perfluoroheptane sulfonic acid (PFHpS) | µg/L | 0.01 | **0.48** | **0.34** | 34 | **0.48** | **0.51** | 6 | **0.24** | **0.34** | 34 | **0.24** | **0.33** | 32 | <0.01 |
| Perfluorooctane sulfonic acid (PFOS) | µg/L | 0.01 | **0.38** | **0.51** | 29 | **0.38** | **0.60** | 45 | **3.7** | **3.5** | 6 | **3.7** | **4.0** | 8 | <0.01 |
| Perfluorononanesulfonic acid (PFNS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 |
| Perfluorodecane sulfonic acid (PFDS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 |
| **PFAS - Perfluoroalkyl Carboxylic Acids** | | | | | | | | | | | | | | | |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.02 | **1.0** | **1.2** | 18 | **1.0** | **1.5** | 40 | **0.15** | **0.13** | 14 | **0.15** | **0.19** | 24 | <0.05 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.01 | **1.9** | **1.7** | 11 | **1.9** | **1.9** | 0 | **0.19** | **0.18** | 5 | **0.19** | **0.18** | 5 | <0.01 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.01 | **11** | **8.2** | 29 | **11** | **12** | 9 | **0.94** | **0.90** | 4 | **0.94** | **0.99** | 5 | <0.01 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.01 | **2.2** | **1.8** | 20 | **2.2** | **2.4** | 9 | **0.14** | **0.15** | 7 | **0.14** | **0.16** | 13 | <0.01 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.01 | **2.2** | **2.0** | 10 | **2.2** | **2.7** | 20 | **0.26** | **0.19** | 31 | **0.26** | **0.26** | 0 | <0.01 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 |
| **PFAS - (n:2) Fluorotelomer Sulfonic Acids** | | | | | | | | | | | | | | | |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.01 | <0.05 | <0.05 | 0 | <0.05 | <0.010 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.010 | 0 | <0.05 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 |
| **PFAS - Perfluoroalkyl Sulfonamides** | | | | | | | | | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 |
| N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | µg/L | 0.02 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 |
| N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | µg/L | 0.02 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 |
| **PFAS** | | | | | | | | | | | | | | | |
| Sum of PFHxS and PFOS | µg/L | 0.01 | **17.38** | **18.51** | 6 | **17.38** | **22** | 23 | **8.9** | **8.3** | 7 | **8.9** | **9.0** | 1 | <0.01 |
| Sum of PFAS (WA DER List) | µg/L | 0.05 | **40.78** | **38.31** | 6 | **40.78** | - | - | **11.29** | **10.54** | 7 | **11.29** | - | - | <0.05 |
| Sum of PFAS | µg/L | 0.01 | **47.76** | **44.05** | 8 | **47.76** | **54** | 12 | **12.73** | **11.85** | 7 | **12.73** | **13** | 2 | <0.1 |
| **PFAS surrogates** | | | | | | | | | | | | | | | |
| (13C2-4:2FTS) Surrogate | % | | - | - | - | - | **56.8** | - | - | - | - | - | **80.1** | - | - |
| (13C2-6:2FTS) Surrogate | % | | - | - | - | - | **72.0** | - | - | - | - | - | **83.8** | - | - |
| (13C2-8:2FTS) Surrogate | % | | - | - | - | - | **81.8** | - | - | - | - | - | **81.3** | - | - |
| (13C2-PFTeDA) Surrogate | % | | - | - | - | - | **71.6** | - | - | - | - | - | **75.9** | - | - |
| (13C3-PFBS) Surrogate | % | | - | - | - | - | **84.6** | - | - | - | - | - | **89.2** | - | - |
| (13C4-PFBA) Surrogate | % | | - | - | - | - | **72.9** | - | - | - | - | - | **89.3** | - | - |
| (13C4-PFHpA) Surrogate | % | | - | - | - | - | **73.7** | - | - | - | - | - | **88.7** | - | - |
| (13C4-PFOA) Surrogate | % | | - | - | - | - | **87.0** | - | - | - | - | - | **95.5** | - | - |
| 13C2-PFUnDA (surr.) | % | | - | - | - | - | **79.6** | - | - | - | - | - | **84.4** | - | - |
| 13C4-PFOS | % | | - | - | - | - | **88.1** | - | - | - | - | - | **89.6** | - | - |
| 13C5-PFNA (surr.) | % | | - | - | - | - | **90.3** | - | - | - | - | - | **89.2** | - | - |
| 18O2-PFHxS (surr.) | % | | - | - | - | - | **75.6** | - | - | - | - | - | **89.9** | - | - |
| D3-N-MeFOSA (surr.) | % | | - | - | - | - | **93.4** | - | - | - | - | - | **93.6** | - | - |
| D3-N-MeFOSAA (surr.) | % | | - | - | - | - | **92.3** | - | - | - | - | - | **99.4** | - | - |
| D5-N-EtFOSA (surr.) | % | | - | - | - | - | **88.2** | - | - | - | - | - | **88.7** | - | - |
| D5-N-EtFOSAA (surr.) | % | | - | - | - | - | **72.6** | - | - | - | - | - | **77.1** | - | - |
| D7-N-MeFOSE (surr.) | % | | - | - | - | - | **89.3** | - | - | - | - | - | **93.2** | - | - |
| D9-N-EtFOSE (surr.) | % | | - | - | - | - | **95.5** | - | - | - | - | - | **97.0** | - | - |
| Extracted ISTD 13C2 PFDA_ | % | | - | - | - | - | **90.8** | - | - | - | - | - | **91.1** | - | - |
| Extracted ISTD 13C2 PFDoDA | % | | - | - | - | - | **97.2** | - | - | - | - | - | **98.9** | - | - |
| Extracted ISTD 13C2 PFHxA_ | % | | - | - | - | - | **67.4** | - | - | - | - | - | **87.3** | - | - |
| Extracted ISTD 13C3 PFPeA_ | % | | - | - | - | - | **74.6** | - | - | - | - | - | **89.3** | - | - |
| Extracted ISTD 13C8 FOSA | % | | - | - | - | - | **95.0** | - | - | - | - | - | **98.5** | - | - |

*RPDs have only been considered where a concentration is greater than 1 times the LOR.
**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each LOR multiplier range are: 100000000000 (1 - 10 x LOR); 50 (10 - 20 x LOR); 30 ( > 20 x LOR) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories.
Any methods in the row header relate to those used in the primary laboratory

Table D-2 OMP Groundwater RPD Summary Table

| | | | Location Code | MW538 | | MW538 | MW538 | | MW535 | MW535 | | MW535 | MW535 | | MW020 | MW020 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Field ID | 0861_QC106_250501 | | 0861_MW538_250501 | 0861_QC206_250501 | | 0861_MW535_250506 | 0861_QC109_250506 | | 0861_MW535_250506 | 0861_QC209_250506 | | 0861_MW020_250507 | 0861_QC110_250507 | |
| | | | Date | 01 May 2025 | | 01 May 2025 | 01 May 2025 | | 06 May 2025 | 06 May 2025 | | 06 May 2025 | 06 May 2025 | | 07 May 2025 | 07 May 2025 | |
| | | | Sample Type | Field_D | | Normal | Interlab_D | | Normal | Field_D | | Normal | Interlab_D | | Normal | Field_D | |
| | | | Lab Report Number | 1215849 | RPD | 1215849 | MGE0150 | RPD | 1217993 | 1217993 | RPD | 1217993 | 380688 | RPD | 1217993 | 1217993 | RPD |
| | Unit | LOR | | | | | | | | | | | | | | | |
| **PFAS - Perfluoroalkyl Sulfonic Acids** | | | | | | | | | | | | | | | | | |
| Perfluorobutane sulfonic acid (PFBS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.24** | **0.33** | 32 |
| Perfluoropentane sulfonic acid (PFPeS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.22** | **0.33** | 40 |
| Perfluorohexane sulfonic acid (PFHxS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **2.1** | **2.6** | 21 |
| Perfluoroheptane sulfonic acid (PFHpS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.14** | **0.18** | 25 |
| Perfluorooctane sulfonic acid (PFOS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.01** | <0.01 | 0 | **0.01** | <0.01 | 0 | **8.6** | **13** | 41 |
| Perfluorononanesulfonic acid (PFNS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - | **0.03** | **0.05** | 50 |
| Perfluorodecane sulfonic acid (PFDS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | <0.01 | <0.01 | 0 |
| **PFAS - Perfluoroalkyl Carboxylic Acids** | | | | | | | | | | | | | | | | | |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.02 | | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.02 | 0 | **0.13** | **0.17** | 27 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | **0.45** | **0.62** | 32 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.81** | **1.1** | 30 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.18** | **0.24** | 29 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.27** | **0.38** | 34 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | **0.09** | **0.13** | 36 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | <0.01 | **0.01** | 0 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | <0.01 | <0.01 | 0 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.05 | 0 | <0.01 | <0.01 | 0 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.1 | 0 | <0.01 | <0.01 | 0 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.5 | 0 | <0.01 | <0.01 | 0 |
| **PFAS - (n:2) Fluorotelomer Sulfonic Acids** | | | | | | | | | | | | | | | | | |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.01 | | <0.05 | 0 | <0.05 | <0.010 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.01 | 0 | **0.06** | **0.08** | 29 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | <0.01 | <0.01 | 0 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 | <0.01 | <0.01 | 0 |
| **PFAS - Perfluoroalkyl Sulfonamides** | | | | | | | | | | | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.1 | 0 | <0.05 | <0.05 | 0 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 |
| N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | µg/L | 0.02 | | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.02 | 0 | <0.05 | <0.05 | 0 |
| N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.1 | 0 | <0.05 | <0.05 | 0 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | µg/L | 0.02 | | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.02 | 0 | <0.05 | <0.05 | 0 |
| N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.5 | 0 | <0.05 | <0.05 | 0 |
| **PFAS** | | | | | | | | | | | | | | | | | |
| Sum of PFHxS and PFOS | µg/L | 0.01 | | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.01** | <0.01 | 0 | **0.01** | <0.01 | 0 | **10.7** | **15.6** | 37 |
| Sum of PFAS (WA DER List) | µg/L | 0.05 | | <0.05 | 0 | <0.05 | - | - | <0.05 | <0.05 | 0 | <0.05 | - | - | **12.84** | **18.52** | 36 |
| Sum of PFAS | µg/L | 0.01 | | <0.1 | 0 | <0.1 | <0.010 | 0 | <0.1 | <0.1 | 0 | <0.1 | <0.01 | 0 | **13.36** | **19.28** | 36 |
| **PFAS surrogates** | | | | | | | | | | | | | | | | | |
| (13C2-4:2FTS) Surrogate | % | | | - | - | - | **74.4** | - | - | - | - | - | - | - | - | - | - |
| (13C2-6:2FTS) Surrogate | % | | | - | - | - | **81.4** | - | - | - | - | - | - | - | - | - | - |
| (13C2-8:2FTS) Surrogate | % | | | - | - | - | **95.3** | - | - | - | - | - | - | - | - | - | - |
| (13C2-PFTeDA) Surrogate | % | | | - | - | - | **76.2** | - | - | - | - | - | - | - | - | - | - |
| (13C3-PFBS) Surrogate | % | | | - | - | - | **93.4** | - | - | - | - | - | - | - | - | - | - |
| (13C4-PFBA) Surrogate | % | | | - | - | - | **85.9** | - | - | - | - | - | - | - | - | - | - |
| (13C4-PFHpA) Surrogate | % | | | - | - | - | **94.7** | - | - | - | - | - | - | - | - | - | - |
| (13C4-PFOA) Surrogate | % | | | - | - | - | **98.0** | - | - | - | - | - | - | - | - | - | - |
| 13C2-PFUnDA (surr.) | % | | | - | - | - | **85.4** | - | - | - | - | - | - | - | - | - | - |
| 13C4-PFOS | % | | | - | - | - | **87.7** | - | - | - | - | - | - | - | - | - | - |
| 13C5-PFNA (surr.) | % | | | - | - | - | **93.2** | - | - | - | - | - | - | - | - | - | - |
| 18O2-PFHxS (surr.) | % | | | - | - | - | **89.4** | - | - | - | - | - | - | - | - | - | - |
| D3-N-MeFOSA (surr.) | % | | | - | - | - | **102** | - | - | - | - | - | - | - | - | - | - |
| D3-N-MeFOSAA (surr.) | % | | | - | - | - | **97.2** | - | - | - | - | - | - | - | - | - | - |
| D5-N-EtFOSA (surr.) | % | | | - | - | - | **87.9** | - | - | - | - | - | - | - | - | - | - |
| D5-N-EtFOSAA (surr.) | % | | | - | - | - | **74.2** | - | - | - | - | - | - | - | - | - | - |
| D7-N-MeFOSE (surr.) | % | | | - | - | - | **87.5** | - | - | - | - | - | - | - | - | - | - |
| D9-N-EtFOSE (surr.) | % | | | - | - | - | **94.6** | - | - | - | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFDA_ | % | | | - | - | - | **98.0** | - | - | - | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFDoDA | % | | | - | - | - | **100** | - | - | - | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFHxA_ | % | | | - | - | - | **87.9** | - | - | - | - | - | - | - | - | - | - |
| Extracted ISTD 13C3 PFPeA_ | % | | | - | - | - | **85.6** | - | - | - | - | - | - | - | - | - | - |
| Extracted ISTD 13C8 FOSA | % | | | - | - | - | **99.5** | - | - | - | - | - | - | - | - | - | - |

*RPDs have only been considered where a concentration is greater than 1 times the LOR.
**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each LOR multiplier range are: 100000000000 (1 - 10 x LOR); 50 (10 - 20 x LOR); 30 ( > 20 x LOR) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

Table D-2 OMP Groundwater RPD Summary Table

| | | | | | |
|---|---|---|---|---|---|
| | | Location Code | MW020 | MW020 | |
| | | Field ID | 0861_MW020_250507 | 0861_QC210_250507 | |
| | | Date | 07 May 2025 | 07 May 2025 | |
| | | Sample Type | Normal | Interlab_D | |
| | | Lab Report Number | 1217993 | 380688 | RPD |
| | Unit | LOR | | | |
| PFAS - Perfluoroalkyl Sulfonic Acids | | | | | |
| Perfluorobutane sulfonic acid (PFBS) | µg/L | 0.01 | **0.24** | **0.26** | 8 |
| Perfluoropentane sulfonic acid (PFPeS) | µg/L | 0.01 | **0.22** | **0.37** | 51 |
| Perfluorohexane sulfonic acid (PFHxS) | µg/L | 0.01 | **2.1** | **3.3** | 44 |
| Perfluoroheptane sulfonic acid (PFHpS) | µg/L | 0.01 | **0.14** | **0.30** | 73 |
| Perfluorooctane sulfonic acid (PFOS) | µg/L | 0.01 | **8.6** | **14** | 48 |
| Perfluorononanesulfonic acid (PFNS) | µg/L | 0.01 | **0.03** | - | - |
| Perfluorodecane sulfonic acid (PFDS) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| PFAS - Perfluoroalkyl Carboxylic Acids | | | | | |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.02 | **0.13** | *<0.1* | 26 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.01 | **0.45** | **0.53** | 16 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.01 | **0.81** | **0.76** | 6 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.01 | **0.18** | **0.26** | 36 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.01 | **0.27** | **0.44** | 48 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.01 | **0.09** | **0.12** | 29 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.01 | *<0.01* | *<0.05* | 0 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.01 | *<0.01* | *<0.1* | 0 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.01 | *<0.01* | *<0.5* | 0 |
| PFAS - (n:2) Fluorotelomer Sulfonic Acids | | | | | |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.01 | **0.06** | **0.08** | 29 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.01 | *<0.01* | *<0.02* | 0 |
| PFAS - Perfluoroalkyl Sulfonamides | | | | | |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.05 | *<0.05* | *<0.1* | 0 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.05 | *<0.05* | *<0.05* | 0 |
| N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | µg/L | 0.02 | *<0.05* | *<0.02* | 0 |
| N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | µg/L | 0.05 | *<0.05* | *<0.05* | 0 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.05 | *<0.05* | *<0.1* | 0 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | µg/L | 0.02 | *<0.05* | *<0.02* | 0 |
| N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | µg/L | 0.05 | *<0.05* | *<0.5* | 0 |
| PFAS | | | | | |
| Sum of PFHxS and PFOS | µg/L | 0.01 | **10.7** | **17** | 45 |
| Sum of PFAS (WA DER List) | µg/L | 0.05 | **12.84** | - | - |
| Sum of PFAS | µg/L | 0.01 | **13.36** | **20** | 40 |
| PFAS surrogates | | | | | |
| (13C2-4:2FTS) Surrogate | % | | - | - | - |
| (13C2-6:2FTS) Surrogate | % | | - | - | - |
| (13C2-8:2FTS) Surrogate | % | | - | - | - |
| (13C2-PFTeDA) Surrogate | % | | - | - | - |
| (13C3-PFBS) Surrogate | % | | - | - | - |
| (13C4-PFBA) Surrogate | % | | - | - | - |
| (13C4-PFHpA) Surrogate | % | | - | - | - |
| (13C4-PFOA) Surrogate | % | | - | - | - |
| 13C2-PFUnDA (surr.) | % | | - | - | - |
| 13C4-PFOS | % | | - | - | - |
| 13C5-PFNA (surr.) | % | | - | - | - |
| 18O2-PFHxS (surr.) | % | | - | - | - |
| D3-N-MeFOSA (surr.) | % | | - | - | - |
| D3-N-MeFOSAA (surr.) | % | | - | - | - |
| D5-N-EtFOSA (surr.) | % | | - | - | - |
| D5-N-EtFOSAA (surr.) | % | | - | - | - |
| D7-N-MeFOSE (surr.) | % | | - | - | - |
| D9-N-EtFOSE (surr.) | % | | - | - | - |
| Extracted ISTD 13C2 PFDA_ | % | | - | - | - |
| Extracted ISTD 13C2 PFDoDA | % | | - | - | - |
| Extracted ISTD 13C2 PFHxA_ | % | | - | - | - |
| Extracted ISTD 13C3 PFPeA_ | % | | - | - | - |
| Extracted ISTD 13C8 FOSA | % | | - | - | - |

*RPDs have only been considered where a concentration is greater than 1 times the LOR.
**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each LOR multiplier range are: 100000000000 (1 - 10 x LOR); 50 (10 - 20 x LOR); 30 ( > 20 x LOR) )

***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

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Table D-3 OMP Surface Water RPD Summary Table

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Location Code | | SW099 | SW099 | | SW099 | SW099 | | SW004 | SW004 | | SW004 | SW004 | | SW022 | SW022 | | SW022 |
| | Field ID | | 0861_SW099_250429 | 0861_QC103_250429 | | 0861_SW099_250429 | 0861_QC203_250429 | | 0861_SW004_250430 | 0861_QC105_250430 | | 0861_SW004_250430 | 0861_QC205_250430 | | 0861_SW022_250430 | 0861_QC104_250430 | | 0861_SW022_250430 |
| | Date | | 29 Apr 2025 | 29 Apr 2025 | | 29 Apr 2025 | 29 Apr 2025 | | 30 Apr 2025 | 30 Apr 2025 | | 30 Apr 2025 | 30 Apr 2025 | | 30 Apr 2025 | 30 Apr 2025 | | 30 Apr 2025 |
| | Sample Type | | Normal | Intra-Lab | | Normal | Inter-Lab | | Normal | Intra-Lab | | Normal | Inter-Lab | | Normal | Intra-Lab | | Normal |
| | Lab Report Number | | 1215849 | 1215849 | RPD | 1215849 | MGE0149 | RPD | 1215849 | 1215849 | RPD | 1215849 | MGE0149 | RPD | 1215849 | 1215849 | RPD | 1215849 |
| | Unit | LOR | | | | | | | | | | | | | | | | |
| **PFAS - Perfluoroalkyl Sulfonic Acids** | | | | | | | | | | | | | | | | | | |
| Perfluorobutane sulfonic acid (PFBS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.08** | **0.09** | 12 | **0.08** |
| Perfluoropentane sulfonic acid (PFPeS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.07** | **0.08** | 13 | **0.07** |
| Perfluorohexane sulfonic acid (PFHxS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.66** | **0.89** | 30 | **0.66** |
| Perfluoroheptane sulfonic acid (PFHpS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.03** | **0.04** | 29 | **0.03** |
| Perfluorooctane sulfonic acid (PFOS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | **0.023** | 79 | **2.3** | **2.4** | 4 | **2.3** |
| Perfluorononanesulfonic acid (PFNS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 |
| Perfluorodecane sulfonic acid (PFDS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| **PFAS - Perfluoroalkyl Carboxylic Acids** | | | | | | | | | | | | | | | | | | |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.02 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | **0.03** | **0.08** | 91 | **0.03** |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.18** | **0.23** | 24 | **0.18** |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.03** | **0.04** | 29 | **0.03** |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.04** | **0.07** | 55 | **0.04** |
| Perfluorononanoic acid (PFNA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| **PFAS - (n:2) Fluorotelomer Sulfonic Acids** | | | | | | | | | | | | | | | | | | |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.01 | <0.05 | <0.05 | 0 | <0.05 | <0.010 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.010 | 0 | **0.22** | **0.19** | 15 | **0.22** |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 |
| **PFAS - Perfluoroalkyl Sulfonamides** | | | | | | | | | | | | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | µg/L | 0.02 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | µg/L | 0.02 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 |
| **PFAS** | | | | | | | | | | | | | | | | | | |
| Sum of PFHxS and PFOS | µg/L | 0.01 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | **0.023** | 79 | **2.96** | **3.29** | 11 | **2.96** |
| Sum of PFAS (WA DER List) | µg/L | 0.05 | <0.05 | <0.05 | 0 | <0.05 | - | - | <0.05 | <0.05 | 0 | <0.05 | - | - | **3.54** | **3.99** | 12 | **3.54** |
| Sum of PFAS | µg/L | 0.01 | <0.1 | <0.1 | 0 | <0.1 | <0.010 | 0 | <0.1 | <0.1 | 0 | <0.1 | **0.023** | 0 | **3.68** | **4.15** | 12 | **3.68** |
| **PFAS surrogates** | | | | | | | | | | | | | | | | | | |
| (1,3C2-4:2FTS) Surrogate | % | | - | - | - | - | **93.3** | - | - | - | - | - | **85.5** | - | - | - | - | - |
| (13C2-6:2FTS) Surrogate | % | | - | - | - | - | **96.7** | - | - | - | - | - | **87.7** | - | - | - | - | - |
| (13C2-8:2FTS) Surrogate | % | | - | - | - | - | **83.4** | - | - | - | - | - | **78.0** | - | - | - | - | - |
| (13C2-PFTeDA) Surrogate | % | | - | - | - | - | **81.8** | - | - | - | - | - | **65.9** | - | - | - | - | - |
| (13C3-PFBS) Surrogate | % | | - | - | - | - | **91.6** | - | - | - | - | - | **90.4** | - | - | - | - | - |
| (13C4-PFBA) Surrogate | % | | - | - | - | - | **76.9** | - | - | - | - | - | **73.4** | - | - | - | - | - |
| (13C4-PFHpA) Surrogate | % | | - | - | - | - | **94.8** | - | - | - | - | - | **91.8** | - | - | - | - | - |
| (13C4-PFOA) Surrogate | % | | - | - | - | - | **96.5** | - | - | - | - | - | **93.9** | - | - | - | - | - |
| 13C2-PFUnDA (surr.) | % | | - | - | - | - | **91.9** | - | - | - | - | - | **88.2** | - | - | - | - | - |
| 13C4-PFOS | % | | - | - | - | - | **95.3** | - | - | - | - | - | **85.3** | - | - | - | - | - |
| 13C5-PFNA (surr.) | % | | - | - | - | - | **95.1** | - | - | - | - | - | **92.5** | - | - | - | - | - |
| 18O2-PFHxS (surr.) | % | | - | - | - | - | **91.6** | - | - | - | - | - | **85.7** | - | - | - | - | - |
| D3-N-MeFOSA (surr.) | % | | - | - | - | - | **98.4** | - | - | - | - | - | **90.0** | - | - | - | - | - |
| D3-N-MeFOSAA (surr.) | % | | - | - | - | - | **99.0** | - | - | - | - | - | **89.1** | - | - | - | - | - |
| D5-N-EtFOSA (surr.) | % | | - | - | - | - | **95.0** | - | - | - | - | - | **86.8** | - | - | - | - | - |
| D5-N-EtFOSAA (surr.) | % | | - | - | - | - | **75.2** | - | - | - | - | - | **72.7** | - | - | - | - | - |
| D7-N-MeFOSE (surr.) | % | | - | - | - | - | **90.1** | - | - | - | - | - | **84.4** | - | - | - | - | - |
| D9-N-EtFOSE (surr.) | % | | - | - | - | - | **99.0** | - | - | - | - | - | **95.1** | - | - | - | - | - |
| Extracted ISTD 13C2 PFDA_ | % | | - | - | - | - | **94.0** | - | - | - | - | - | **86.8** | - | - | - | - | - |
| Extracted ISTD 13C2 PFDoDA | % | | - | - | - | - | **90.7** | - | - | - | - | - | **92.0** | - | - | - | - | - |
| Extracted ISTD 13C2 PFHxA_ | % | | - | - | - | - | **92.6** | - | - | - | - | - | **87.5** | - | - | - | - | - |
| Extracted ISTD 13C3 PFPeA_ | % | | - | - | - | - | **91.7** | - | - | - | - | - | **91.0** | - | - | - | - | - |
| Extracted ISTD 13C8 FOSA | % | | - | - | - | - | **101** | - | - | - | - | - | **94.4** | - | - | - | - | - |

*RPDs have only been considered where a concentration is greater than 1 times the LOR.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each LOR multiplier range are: 1 0000 0000 0000 (1 - 10 x LOR); 50 (10 - 20 x LOR); 30 (> 20 x LOR))

*** Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

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Table D-3 OMP Surface Water RPD Summary Table

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location Code | | | SW022 | | SW050 | SW050 | | SW050 | SW050 | | SW656 | SW656 | | SW656 | SW656 | | SW030 | SW030 | | SW030 | SW030 | |
| Field ID | | | 0861_QC204_250430 | | 0861_SW050_250501 | 0861_QC107_250501 | | 0861_SW050_250501 | 0861_QC207_250501 | | 0861_SW656_250502 | 0861_QC108_250502 | | 0861_SW656_250502 | 0861_QC208_250502 | | 0861_SW030_250507 | 0861_QC111_250507 | | 0861_SW030_250507 | 0861_QC211_250507 | |
| Date | | | 30 Apr 2025 | | 01 May 2025 | 01 May 2025 | | 01 May 2025 | 01 May 2025 | | 02 May 2025 | 02 May 2025 | | 02 May 2025 | 02 May 2025 | | 07 May 2025 | 07 May 2025 | | 07 May 2025 | 07 May 2025 | |
| Sample Type | | | Inter-Lab | | Normal | Intra-Lab | | Normal | Inter-Lab | | Normal | Intra-Lab | | Normal | Inter-Lab | | Normal | Intra-Lab | | Normal | Inter-Lab | |
| Lab Report Number | | | MGE0149 | RPD | 1215849 | 1215849 | RPD | 1215849 | MGE0149 | RPD | 1215849 | 1215849 | RPD | 1215849 | MGE0149 | RPD | 1217988 | 1217988 | RPD | 1217988 | 380690 | RPD |
| | Unit | LOR | | | | | | | | | | | | | | | | | | | | |
| **PFAS - Perfluoroalkyl Sulfonic Acids** | | | | | | | | | | | | | | | | | | | | | | |
| Perfluorobutane sulfonic acid (PFBS) | µg/L | 0.01 | **0.092** | 14 | **0.09** | **0.09** | 0 | **0.09** | **0.10** | 11 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.10** | **0.12** | 18 | **0.10** | **0.10** | 0 |
| Perfluoropentane sulfonic acid (PFPeS) | µg/L | 0.01 | **0.10** | 35 | **0.08** | **0.08** | 0 | **0.08** | **0.094** | 16 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.09** | **0.10** | 11 | **0.09** | **0.12** | 29 |
| Perfluorohexane sulfonic acid (PFHxS) | µg/L | 0.01 | **0.91** | 32 | **0.57** | **0.56** | 2 | **0.57** | **0.70** | 20 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **1.1** | **1.1** | 0 | **1.1** | **1.2** | 9 |
| Perfluoroheptane sulfonic acid (PFHpS) | µg/L | 0.01 | **0.039** | 26 | **0.02** | **0.02** | 0 | **0.02** | **0.017** | 16 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.05** | **0.04** | 22 | **0.05** | **0.08** | 46 |
| Perfluorooctane sulfonic acid (PFOS) | µg/L | 0.01 | **2.3** | 0 | **0.52** | **0.53** | 2 | **0.52** | **0.73** | 34 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **1.9** | **1.6** | 17 | **1.9** | **2.2** | 15 |
| Perfluorononanesulfonic acid (PFNS) | µg/L | 0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - | <0.01 | <0.01 | 0 | <0.01 | - | - |
| Perfluorodecane sulfonic acid (PFDS) | µg/L | 0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 |
| **PFAS - Perfluoroalkyl Carboxylic Acids** | | | | | | | | | | | | | | | | | | | | | | |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.02 | <0.040 | 0 | **0.06** | **0.07** | 15 | **0.06** | **0.061** | 2 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | **0.09** | **0.09** | 0 | **0.09** | **0.1** | 11 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.01 | **0.058** | 64 | **0.11** | **0.10** | 10 | **0.11** | **0.17** | 43 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | **0.20** | **0.21** | 5 | **0.20** | **0.27** | 30 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.01 | **0.25** | 33 | **0.22** | **0.22** | 0 | **0.22** | **0.30** | 31 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.29** | **0.28** | 4 | **0.29** | **0.31** | 7 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.01 | **0.033** | 10 | **0.05** | **0.05** | 0 | **0.05** | **0.059** | 17 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.07** | **0.07** | 0 | **0.07** | **0.09** | 25 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.01 | **0.062** | 43 | **0.07** | **0.07** | 0 | **0.07** | **0.081** | 15 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **0.07** | **0.07** | 0 | **0.07** | **0.09** | 25 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | **0.01** | 0 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.050 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.05 | 0 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.10 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.1 | 0 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.50 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.5 | 0 |
| **PFAS - (n:2) Fluorotelomer Sulfonic Acids** | | | | | | | | | | | | | | | | | | | | | | |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.01 | 0 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.01 | **0.19** | 15 | <0.05 | <0.05 | 0 | <0.05 | **0.017** | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.010 | 0 | **0.05** | **0.10** | 67 | **0.05** | **0.08** | 46 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.01 | <0.100 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.020 | 0 | <0.01 | <0.01 | 0 | <0.01 | <0.02 | 0 |
| **PFAS - Perfluoroalkyl Sulfonamides** | | | | | | | | | | | | | | | | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.1 | 0 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 |
| N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA) | µg/L | 0.02 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.02 | 0 |
| N-methyl perfluorooctane sulfonamidoethanol (MeFOSE) | µg/L | 0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.050 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.05 | 0 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.10 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.1 | 0 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA) | µg/L | 0.02 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.020 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.02 | 0 |
| N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | µg/L | 0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.50 | 0 | <0.05 | <0.05 | 0 | <0.05 | <0.5 | 0 |
| **PFAS** | | | | | | | | | | | | | | | | | | | | | | |
| Sum of PFHxS and PFOS | µg/L | 0.01 | **3.2** | 8 | **1.09** | **1.09** | 0 | **1.09** | **1.4** | 25 | <0.01 | <0.01 | 0 | <0.01 | <0.010 | 0 | **3** | **2.7** | 11 | **3** | **3.4** | 12 |
| Sum of PFAS (WA DER List) | µg/L | 0.05 | - | - | **1.69** | **1.69** | 0 | **1.69** | - | - | <0.05 | <0.05 | 0 | <0.05 | - | - | **3.87** | **3.64** | 6 | **3.87** | - | - |
| Sum of PFAS | µg/L | 0.01 | **4.0** | 8 | **1.83** | **1.82** | 1 | **1.83** | **2.3** | 23 | <0.1 | <0.1 | 0 | <0.1 | <0.010 | 0 | **4.07** | **3.84** | 6 | **4.07** | **4.6** | 12 |
| **PFAS surrogates** | | | | | | | | | | | | | | | | | | | | | | |
| 13C2-4:2FTS) Surrogate | % | | **87.0** | - | - | - | - | - | **88.5** | - | - | - | - | - | **101** | - | - | - | - | - | - | - |
| 13C2-6:2FTS) Surrogate | % | | **99.1** | - | - | - | - | - | **93.3** | - | - | - | - | - | **96.3** | - | - | - | - | - | - | - |
| 13C2-8:2FTS) Surrogate | % | | **83.3** | - | - | - | - | - | **89.0** | - | - | - | - | - | **88.8** | - | - | - | - | - | - | - |
| 13C2-PFTeDA) Surrogate | % | | **76.3** | - | - | - | - | - | **83.9** | - | - | - | - | - | **81.0** | - | - | - | - | - | - | - |
| 13C3-PFBS) Surrogate | % | | **91.7** | - | - | - | - | - | **92.3** | - | - | - | - | - | **92.2** | - | - | - | - | - | - | - |
| 13C4-PFBA) Surrogate | % | | **70.6** | - | - | - | - | - | **74.5** | - | - | - | - | - | **55.0** | - | - | - | - | - | - | - |
| 13C4-PFHpA) Surrogate | % | | **92.4** | - | - | - | - | - | **94.1** | - | - | - | - | - | **98.6** | - | - | - | - | - | - | - |
| 13C4-PFOA) Surrogate | % | | **96.6** | - | - | - | - | - | **92.8** | - | - | - | - | - | **95.0** | - | - | - | - | - | - | - |
| 13C2-PFUnDA (surr.) | % | | **83.9** | - | - | - | - | - | **93.9** | - | - | - | - | - | **80.8** | - | - | - | - | - | - | - |
| 13C4-PFOS | % | | **89.8** | - | - | - | - | - | **86.9** | - | - | - | - | - | **94.0** | - | - | - | - | - | - | - |
| 13C5-PFNA (surr.) | % | | **91.3** | - | - | - | - | - | **94.0** | - | - | - | - | - | **97.5** | - | - | - | - | - | - | - |
| 18O2-PFHxS (surr.) | % | | **93.2** | - | - | - | - | - | **90.8** | - | - | - | - | - | **94.7** | - | - | - | - | - | - | - |
| D3-N-MeFOSA (surr.) | % | | **96.1** | - | - | - | - | - | **89.6** | - | - | - | - | - | **104** | - | - | - | - | - | - | - |
| D3-N-MeFOSAA (surr.) | % | | **103** | - | - | - | - | - | **96.5** | - | - | - | - | - | **107** | - | - | - | - | - | - | - |
| D5-N-EtFOSA (surr.) | % | | **94.5** | - | - | - | - | - | **89.7** | - | - | - | - | - | **95.9** | - | - | - | - | - | - | - |
| D5-N-EtFOSAA (surr.) | % | | **78.1** | - | - | - | - | - | **82.4** | - | - | - | - | - | **79.2** | - | - | - | - | - | - | - |
| D7-N-MeFOSE (surr.) | % | | **86.7** | - | - | - | - | - | **86.5** | - | - | - | - | - | **90.9** | - | - | - | - | - | - | - |
| D9-N-EtFOSE (surr.) | % | | **99.0** | - | - | - | - | - | **92.8** | - | - | - | - | - | **98.2** | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFDA_ | % | | **93.6** | - | - | - | - | - | **90.3** | - | - | - | - | - | **94.6** | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFDoDA | % | | **104** | - | - | - | - | - | **102** | - | - | - | - | - | **102** | - | - | - | - | - | - | - |
| Extracted ISTD 13C2 PFHxA_ | % | | **91.5** | - | - | - | - | - | **86.5** | - | - | - | - | - | **92.4** | - | - | - | - | - | - | - |
| Extracted ISTD 13C3 PFPeA_ | % | | **92.7** | - | - | - | - | - | **90.6** | - | - | - | - | - | **88.3** | - | - | - | - | - | - | - |
| Extracted ISTD 13C8 FOSA | % | | **97.4** | - | - | - | - | - | **89.8** | - | - | - | - | - | **96.3** | - | - | - | - | - | - | - |

*RPDs have only been considered where a concentration is greater than 1 times the LOR.

**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each LOR multiplier range are: 10000:0000:0000 (1 - 10 x LOR); 50 (10 - 20 x LOR); 30 (> 20 x LOR))

*** Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

# Appendix E Calibration Certificates

## Oil / Water Interface Meter

**Instrument** Solinst Interface Meter (60M)
**Serial No.** 549716

Air-Met Scientific Pty Ltd
[redacted]

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Compartment | ✓ | |
| | Capacity above 7.9v | ✓ | |
| | | | |
| | | | |
| **Probe** | Cleaned/Decon. | ✓ | |
| | Operation | ✓ | |
| | | | |
| **Connectors** | Condition | ✓ | |
| | | ✓ | |
| **Tape Check** | Cleaned | ✓ | |
| **Connectors** | Checked for cuts | ✓ | |
| | | | |
| | | | |
| **Instrument Test** | At surface level | ✓ | |
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## *Certificate of Calibration*

This is to certify that the above instrument has been cleaned and tested.

***Calibrated by:*** [redacted]

***Calibration date:*** **10-Apr-25**

***Next calibration due:*** **07-Oct-25**

## Multi Parameter Water Meter

**Instrument** YSI Quatro Pro Plus
**Serial No.** 12D100010

Air-Met Scientific Pty Ltd
[redacted]

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Charge Condition | ✓ | |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| | | | |
| **Switch/keypad** | Operation | ✓ | |
| **Display** | Intensity | ✓ | |
| | Operation (segments) | ✓ | |
| **Grill Filter** | Condition | ✓ | |
| | Seal | ✓ | |
| **PCB** | Condition | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Sensor** | 1. pH | ✓ | |
| | 2. mV | ✓ | |
| | 3. EC | ✓ | |
| | 4. D.O | ✓ | |
| | 5. Temp | ✓ | |
| | | | |
| **Alarms** | Beeper | ✓ | |
| | Settings | ✓ | |
| **Software** | Version | ✓ | |
| **Data logger** | Operation | ✓ | |
| **Download** | Operation | ✓ | |
| **Other tests:** | | | |

## *Certificate of Calibration*

This is to certify that the above instrument has been calibrated to the following specifications:

| Sensor | Serial no | Standard Solutions | Certified | Solution Bottle Number | Instrument Reading |
|---|---|---|---|---|---|
| 1. pH 7.00 | | pH 7.00 | | 433551 | pH 7.01 |
| 2. pH 4.00 | | pH 4.00 | | 438363 | pH 4.01 |
| 3. mV | | 231.3mV | | 434482/435258 | 232.96mV |
| 4. EC | | 2760uS | | 436702 | 2761uS |
| 5. D.O | **DI Water** | 100% | | DR031024 | 102% |
| 6. Temp | | 24oC | | MultiTherm | 23.2oC |

***Calibrated by:*** [redacted]

***Calibration date:*** **24-Apr-25**

***Next calibration due:*** **23/10/2025**

# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 28/4/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 28/4/25 | 8.00 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 29/4/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 29/4/25 | 7.15 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 30/4/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 30/4/25 | 7-15 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | |
|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 1/5/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 1/5/25 | 7.15 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | |
|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 2/5/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 2/5/25 | 7.20 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 6/5/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 6/5/25 | 7.20 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | |
|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 7/5/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 7/5/25 | 7.20 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 8/5/25 | SAMPLERS: [redacted] |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: [redacted] |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 8/5/25 | 8-00 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | Y | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | Y | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | N | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | NA |
| 4 | Was phosphate-free detergent used to wash the equipment? | Y | N | NA |
| 5 | Was the equipment rinsed with clean water? | Y | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | Y | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | Y | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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## Oil / Water Interface Meter

**Instrument** Solinst Interface Meter (60M)
**Serial No.** 549716

Air-Met Scientific Pty Ltd
1300 137 067

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Compartment | ✓ | |
| | Capacity above 7.9v | ✓ | |
| | | | |
| | | | |
| **Probe** | Cleaned/Decon. | ✓ | |
| | Operation | ✓ | |
| | | | |
| **Connectors** | Condition | ✓ | |
| | | ✓ | |
| **Tape Check** | Cleaned | ✓ | |
| **Connectors** | Checked for cuts | ✓ | |
| | | | |
| | | | |
| **Instrument Test** | At surface level | ✓ | |
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## *Certificate of Calibration*

This is to certify that the above instrument has been cleaned and tested.

***Calibrated by:*** Morgan Shelton

***Calibration date:*** 10-Apr-25

***Next calibration due:*** 07-Oct-25

## Multi Parameter Water Meter

**Instrument** YSI Quatro Pro Plus
**Serial No.** 12D100010

Air-Met Scientific Pty Ltd
1300 137 067

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Charge Condition | ✓ | |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| | | | |
| **Switch/keypad** | Operation | ✓ | |
| **Display** | Intensity | ✓ | |
| | Operation (segments) | ✓ | |
| **Grill Filter** | Condition | ✓ | |
| | Seal | ✓ | |
| **PCB** | Condition | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Sensor** | 1. pH | ✓ | |
| | 2. mV | ✓ | |
| | 3. EC | ✓ | |
| | 4. D.O | ✓ | |
| | 5. Temp | ✓ | |
| | | | |
| **Alarms** | Beeper | ✓ | |
| | Settings | ✓ | |
| **Software** | Version | ✓ | |
| **Data logger** | Operation | ✓ | |
| **Download** | Operation | ✓ | |
| **Other tests:** | | | |

## *Certificate of Calibration*

This is to certify that the above instrument has been calibrated to the following specifications:

| Sensor | Serial no | Standard Solutions | Certified | Solution Bottle Number | Instrument Reading |
|---|---|---|---|---|---|
| 1. pH 7.00 | | pH 7.00 | | 433551 | pH 7.01 |
| 2. pH 4.00 | | pH 4.00 | | 438363 | pH 4.01 |
| 3. mV | | 231.3mV | | 434482/435258 | 232.96mV |
| 4. EC | | 2760uS | | 436702 | 2761uS |
| 5. D.O | **DI Water** | 100% | | DR031024 | 102% |
| 6. Temp | | 24oC | | MultiTherm | 23.2oC |

***Calibrated by:*** **Morgan Shelton**

***Calibration date:*** **24-Apr-25**

***Next calibration due:*** **23/10/2025**

# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 28/4/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 28/4/25 | 8.00 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 29/4/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 29/4/25 | 7.15 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
| | | EC | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 30/4/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 30/4/25 | 7-15 | PH4 | As per standard |
| | | PH7 | ↓ |
| | | ORP | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 1/5/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 1/5/25 | 7.15 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
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| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 2/5/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 2/5/25 | 7.20 | PH4 | As per standard |
| | | PH7 | |
| | | ORP | |
| | | DO | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 6/5/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 6/5/25 | 7:20 | PH4 | As per standard |
| | | PH7 | |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
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| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 7/5/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 7/5/25 | 7.20 | PH4 | As per standard |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | (Y) | N | NA |
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| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | (Y) | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Amberley OMP April 2025 | PROJECT NO: 66133 |
| FIELDWORK DATES: 8/5/25 | SAMPLERS: JB |
| TYPE OF INVESTIGATION: OMP Monitoring | PROJECT MANAGER: MC |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT:<br>YSI |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| 8/5/25 | 2-00 | PH4 | As per standard |
| | | PH7 | ↓ |
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**DECONTAMINATION SUMMARY**

| EQUIPMENT: | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | Y | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | Y | N | NA |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | N | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | NA |
| 4 | Was phosphate-free detergent used to wash the equipment? | Y | N | NA |
| 5 | Was the equipment rinsed with clean water? | Y | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | Y | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | Y | N | NA |
| WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS | | | | |


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# Appendix F Laboratory Certificates

Envirolab Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND REPORT TO: [redacted]
SEND INVOICE TO: [redacted]
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Pls fwd to Envirolab

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC209_250506 | Water | 6/5/25 | | | | X | | | |
| 0861_QC210_250507 | 1 | 7/5/25 | | | | X | | | |

Environmental Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 380655
Date Received: 16/5/25
Time Received: 09:20
Received: [redacted]
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: 16/5/25 16:10 | |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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**Envirolab Services Pty Ltd**
ABN 37 112 535 645
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 380688

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_25** |
| **Number of Samples** | 2 Water |
| **Date samples received** | 15/05/2025 |
| **Date completed instructions received** | 15/05/2025 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

**Please refer to the last page of this report for any comments relating to the results.**

## Report Details

| | |
|---|---|
| **Date results requested by** | 22/05/2025 |
| **Date of Issue** | 20/05/2025 |

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
[redacted], Senior Chemist

**Authorised By**
[redacted], Laboratory Manager

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | UNITS | 380688-1 | 380688-2 |
| Your Reference | | 0861_QC209_250506 | 0861_QC210_250507 |
| Date Sampled | | 06/05/2025 | 07/05/2025 |
| Type of sample | | Water | Water |
| Date prepared | - | 16/05/2025 | 16/05/2025 |
| Date analysed | - | 16/05/2025 | 16/05/2025 |
| Perfluorobutanesulfonic acid | µg/L | <0.01 | 0.26 |
| Perfluoropentanesulfonic acid | µg/L | <0.01 | 0.37 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | <0.01 | 3.3 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 | 0.30 |
| Perfluorooctanesulfonic acid PFOS | µg/L | <0.01 | 14 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 | <0.1 |
| Perfluoropentanoic acid | µg/L | <0.02 | 0.53 |
| Perfluorohexanoic acid | µg/L | <0.01 | 0.76 |
| Perfluoroheptanoic acid | µg/L | <0.01 | 0.26 |
| Perfluorooctanoic acid PFOA | µg/L | <0.01 | 0.44 |
| Perfluorononanoic acid | µg/L | <0.01 | 0.12 |
| Perfluorodecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 | <0.5 |
| 4:2 FTS | µg/L | <0.01 | <0.02 |
| 6:2 FTS | µg/L | <0.01 | 0.08 |
| 8:2 FTS | µg/L | <0.02 | <0.02 |
| 10:2 FTS | µg/L | <0.02 | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 96 | 94 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 96 | 105 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 102 | 95 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 82 | 80 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 95 | 91 |

| PFAS in Waters Extended | | | |
|---|---|---|---|
| Our Reference | UNITS | 380688-1 | 380688-2 |
| Your Reference | | 0861_QC209_250506 | 0861_QC210_250507 |
| Date Sampled | | 06/05/2025 | 07/05/2025 |
| Type of sample | | Water | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 92 | 34 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 106 | 69 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 113 | 95 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 87 | 77 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 90 | 79 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 92 | 76 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 96 | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 103 | 100 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 109 | 110 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 71 | 82 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 84 | 48 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 93 | 51 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 103 | 73 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 108 | 97 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 93 | 90 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 98 | 97 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 71 | 68 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 97 | 95 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 104 | 80 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 107 | 79 |
| Total Positive PFHxS & PFOS | µg/L | <0.01 | 17 |
| Total Positive PFOA & PFOS | µg/L | <0.01 | 14 |
| Total Positive PFAS | µg/L | <0.01 | 20 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | 380688-2 |
| Date prepared | - | | | 16/05/2025 | 1 | 16/05/2025 | 16/05/2025 | | 16/05/2025 | 16/05/2025 |
| Date analysed | - | | | 16/05/2025 | 1 | 16/05/2025 | 16/05/2025 | | 16/05/2025 | 16/05/2025 |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 91 | 93 |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 100 | 108 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 92 | 96 |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 102 | 118 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 87 | 113 |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 90 | 105 |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 91 | 97 |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 90 | 95 |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 91 | 92 |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 98 | 98 |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 89 | 100 |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 92 | 97 |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 103 | 105 |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 107 | 99 |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 93 | 104 |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 82 | 89 |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 95 | 102 |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 93 | 96 |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 92 | 103 |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 89 | 98 |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 99 | 122 |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 92 | 96 |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 92 | 92 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 86 | 87 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 107 | 139 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 94 | 108 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 94 | 96 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | 1 | <0.02 | <0.02 | 0 | 92 | 101 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 92 | 1 | 96 | 96 | 0 | 90 | 99 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 95 | 1 | 96 | 94 | 2 | 90 | 104 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | 380688-2 |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 98 | 1 | 102 | 101 | 1 | 103 | 97 |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 86 | 1 | 82 | 83 | 1 | 87 | 80 |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 97 | 1 | 95 | 95 | 0 | 98 | 88 |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 95 | 1 | 92 | 96 | 4 | 101 | 33 |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 105 | 1 | 106 | 108 | 2 | 113 | 69 |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 108 | 1 | 113 | 119 | 5 | 113 | 96 |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 85 | 1 | 87 | 92 | 6 | 87 | 75 |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 89 | 1 | 90 | 95 | 5 | 94 | 78 |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 87 | 1 | 92 | 93 | 1 | 92 | 74 |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 90 | 1 | 96 | 102 | 6 | 97 | 90 |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 88 | 1 | 103 | 97 | 6 | 89 | 96 |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 93 | 1 | 109 | 110 | 1 | 109 | 98 |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 75 | 1 | 71 | 79 | 11 | 83 | 78 |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 101 | 1 | 84 | 88 | 5 | 98 | 46 |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 102 | 1 | 93 | 91 | 2 | 104 | 50 |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 107 | 1 | 103 | 112 | 8 | 111 | 72 |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 106 | 1 | 108 | 111 | 3 | 106 | 94 |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 91 | 1 | 93 | 97 | 4 | 99 | 93 |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 97 | 1 | 98 | 101 | 3 | 103 | 95 |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 85 | 1 | 71 | 75 | 5 | 86 | 70 |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | 380688-2 |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 92 | 1 | 97 | 102 | 5 | 100 | 92 |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 108 | 1 | 104 | 110 | 6 | 106 | 76 |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 109 | 1 | 107 | 112 | 5 | 114 | 82 |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volumes) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Urine Analysis - The BEI values listed are taken from the 2022 edition of "TLVs and BEIs Threshold Limits" by ACGIH.

## Report Comments

For PFAS Extracted Internal Standards denoted with # or outside the 50-150% acceptance range, the respective target analyte results may be unaffected, in other circumstances the PQL has been raised to accommodate the outlier(s).

Envirolab Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT & INVOICE TO: [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

~~Pls feed to Envirolab~~

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC211_250507 | Water | 7/5/25 | | 1x bottle | | X | | | |
| ~~0861_QC _25~~ | | | | | | | | | |
| ~~0861_QC _25~~ | | | | | | | | | |

Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 380690
Date Received: 8/5/25
Time Received: 0920
Received By: [redacted]
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: 13/05/2025 16:40 | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Services Pty Ltd
[redacted]
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 380690

## Client Details

| | |
|---|---|
| **Client** | JBS & G (Brisbane) Pty Ltd |
| **Attention** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | **QLD_0861_PFASOMP_25** |
| **Number of Samples** | 1 Water |
| **Date samples received** | 15/05/2025 |
| **Date completed instructions received** | 15/05/2025 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 22/05/2025 |
| **Date of Issue** | 20/05/2025 |

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**Results Approved By**
[redacted], Senior Chemist

**Authorised By**
[redacted], Laboratory Manager

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 380690-1 |
| Your Reference | UNITS | 0861_QC211_250507 |
| Date Sampled | | 07/05/2025 |
| Type of sample | | Water |
| Date prepared | - | 16/05/2025 |
| Date analysed | - | 16/05/2025 |
| Perfluorobutanesulfonic acid | µg/L | 0.10 |
| Perfluoropentanesulfonic acid | µg/L | 0.12 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 1.2 |
| Perfluoroheptanesulfonic acid | µg/L | 0.08 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 2.2 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | 0.1 |
| Perfluoropentanoic acid | µg/L | 0.27 |
| Perfluorohexanoic acid | µg/L | 0.31 |
| Perfluoroheptanoic acid | µg/L | 0.09 |
| Perfluorooctanoic acid PFOA | µg/L | 0.09 |
| Perfluorononanoic acid | µg/L | 0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | 0.08 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 93 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 95 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 103 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 80 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 97 |

| PFAS in Waters Extended | | |
|---|---|---|
| Our Reference | | 380690-1 |
| Your Reference | UNITS | 0861_QC211_250507 |
| Date Sampled | | 07/05/2025 |
| Type of sample | | Water |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 94 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 109 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 115 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 84 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 95 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 91 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 94 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 99 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 68 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 101 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 104 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 116 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 110 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 93 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 98 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 76 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 96 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 110 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 112 |
| Total Positive PFHxS & PFOS | µg/L | 3.4 |
| Total Positive PFOA & PFOS | µg/L | 2.3 |
| Total Positive PFAS | µg/L | 4.6 |

| Method ID | Methodology Summary |
|---|---|
| Org-029 | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | [NT] |
| Date prepared | - | | | 16/05/2025 | | | | | 16/05/2025 | |
| Date analysed | - | | | 16/05/2025 | | | | | 16/05/2025 | |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 91 | |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 100 | |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 92 | |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 102 | |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 87 | |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 90 | |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 91 | |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 90 | |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 91 | |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 98 | |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | | | | | 89 | |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | | | | | 92 | |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 103 | |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 107 | |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | | | | | 93 | |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | | | | | 82 | |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | | | | | 95 | |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 93 | |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | | | | | 92 | |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 89 | |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | | | | | 99 | |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 92 | |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | | | | | 92 | |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | | | | | 86 | |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | | | | | 107 | |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | | | | | 94 | |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 94 | |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | | | | | 92 | |
| *Surrogate $^{13}C_8$ PFOS* | % | | Org-029 | 92 | | | | | 90 | |
| *Surrogate $^{13}C_2$ PFOA* | % | | Org-029 | 95 | | | | | 90 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | [NT] |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 98 | | | | | 103 | |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 86 | | | | | 87 | |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 97 | | | | | 98 | |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 95 | | | | | 101 | |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 105 | | | | | 113 | |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 108 | | | | | 113 | |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 85 | | | | | 87 | |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 89 | | | | | 94 | |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 87 | | | | | 92 | |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 90 | | | | | 97 | |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 88 | | | | | 89 | |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 93 | | | | | 109 | |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 75 | | | | | 83 | |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 101 | | | | | 98 | |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 102 | | | | | 104 | |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 107 | | | | | 111 | |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 106 | | | | | 106 | |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 91 | | | | | 99 | |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 97 | | | | | 103 | |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 85 | | | | | 86 | |

| QUALITY CONTROL: PFAS in Waters Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W3 | [NT] |
| *Extracted ISTD $d_9$ N EtFOSE* | % | | Org-029 | 92 | | | | | 100 | |
| *Extracted ISTD $d_3$ N MeFOSAA* | % | | Org-029 | 108 | | | | | 106 | |
| *Extracted ISTD $d_5$ N EtFOSAA* | % | | Org-029 | 109 | | | | | 114 | |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volumes) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

Urine Analysis - The BEI values listed are taken from the 2022 edition of "TLVs and BEIs Threshold Limits" by ACGIH.

Surface Water

**Chain of Custody** 1215379

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW008_250430 | Water | 30/4/25 | | 1x bottle | | X | | | |
| 0861_SW025_250501 | | 1/5/25 | | | | | | | |
| 0861_SW039_250501 | | | | | | | | | |
| 0861_SW050_250501 | | | | | | | | | |
| 0861_SW094_250501 | | | | | | | | | |
| 0861_SW036_250501 | | | | | | | | | |
| 0861_SW037_250501 | | | | | | | | | |
| 0861_SW059_250501 | | | | | | | | | |
| 0861_SW040_250501 | | | | | | | | | |
| 0861_SW089_250502 | | 2/5/25 | | | | | | | |
| 0861_SW090_250502 | | | | | | | | | |
| 0861_SW091_250502 | | | | | | | | | |
| 0861_SW656_250502 | | | | | | | | | |
| 0861_SW033_250502 | | | | | | | | | |
| 0861_QC108_250502 | | | | | | | | | |
| ~~0861_QC_25~~ | | | | | | | | | |
| ~~0861_QC_25~~ | | | | | | | | | |
| ~~0861_QC_25~~ | | | | | | | | | |

Date/Time 2/5/25 4:15pm
Courier
Temp
Correction
Final temp: [redacted]

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G [redacted] | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| ~~NAME: DATE:~~ | ~~CONSIGNMENT NOTE NO.~~ | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2025 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: Sydney [redacted] | |
| SEND REPORT TO [redacted] | |
| SEND INVOICE TO [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| ~~0861_SW_25~~ | | | | | | | | | |
| 0861_QC310_250502 | water | 2/5/25 | | 1 x bottle | | X | | | |
| ~~0861_QC_25~~ | | | | | | | | | |
| ~~0861_QC_25~~ | | | | | | | | | |
| ~~0861_QC_25~~ | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1215379-W**
Project name DOD AMBERLEY OMP 2025
Project ID QLD_0861_PFASOMP_25
Received Date May 02, 2025

| **Client Sample ID** | | | 0861_SW025_250501 | 0861_SW039_250501 | 0861_SW040_250501 | 0861_MW057S_250428 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | Water | Water | Water | Water |
| **Eurofins Sample No.** | | | B25-My0008027 | B25-My0008028 | B25-My0008034 | B25-My0011070 |
| **Date Sampled** | | | May 01, 2025 | May 01, 2025 | May 01, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.25 | 0.02 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.06 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | [N09]0.03 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 71 | 81 | [J-]19 | 64 |
| 13C5-PFPeA (surr.) | 1 | % | 85 | 91 | 23 | 54 |
| 13C5-PFHxA (surr.) | 1 | % | 64 | 72 | [J-]15 | 60 |
| 13C4-PFHpA (surr.) | 1 | % | 61 | 73 | 144 | 74 |
| 13C8-PFOA (surr.) | 1 | % | 52 | 64 | 126 | 86 |
| 13C5-PFNA (surr.) | 1 | % | 62 | 70 | 90 | 83 |
| 13C6-PFDA (surr.) | 1 | % | 65 | 68 | 94 | 90 |
| 13C2-PFUnDA (surr.) | 1 | % | 59 | 56 | 74 | 61 |
| 13C2-PFDoDA (surr.) | 1 | % | 90 | 113 | [J-]31 | 57 |
| 13C2-PFTeDA (surr.) | 1 | % | 89 | 88 | [J-]41 | 62 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 75 | [J-]34 | 55 | 65 |
| D3-N-MeFOSA (surr.) | 1 | % | 142 | 58 | 88 | 63 |

| Client Sample ID | | | 0861_SW025_250501 | 0861_SW039_250501 | 0861_SW040_250501 | 0861_MW057S_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008027 | B25-My0008028 | B25-My0008034 | B25-My0011070 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 01, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 137 | 62 | 57 | 65 |
| D7-N-MeFOSE (surr.) | 1 | % | 124 | 85 | 94 | J- 40 |
| D9-N-EtFOSE (surr.) | 1 | % | 127 | 65 | J- 40 | J- 39 |
| D5-N-EtFOSAA (surr.) | 1 | % | 58 | J- 46 | 66 | 68 |
| D3-N-MeFOSAA (surr.) | 1 | % | 53 | 75 | 73 | 78 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.09 |
| Perfluorononanesulfonic acid (PFNS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.03 |
| Perfluoropentanesulfonic acid (PFPeS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | N09 0.05 |
| Perfluorohexanesulfonic acid (PFHxS) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | N09 < 0.01 | N09 0.34 |
| Perfluoroheptanesulfonic acid (PFHpS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | N09 0.09 |
| Perfluorodecanesulfonic acid (PFDS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 62 | 74 | 148 | 91 |
| 18O2-PFHxS (surr.) | 1 | % | 72 | 58 | 94 | 99 |
| 13C8-PFOS (surr.) | 1 | % | 78 | 62 | 88 | 78 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 105 | 120 | 130 | 110 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 105 | 120 | 130 | 142 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 53 | 62 | 78 | 73 |
| 13C2-10:2 FTSA (surr.) | 1 | % | J- 33 | J- 37 | 88 | 60 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 0.43 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 0.12 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | 0.46 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.26 | 0.64 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.26 | 0.72 |

| Client Sample ID | | | 0861_MW057I_250428 | 0861_MW056S_250429 | 0861_MW056I_250429 | 0861_SW043_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011071 | B25-My0011078 | B25-My0011082 | B25-My0011145 |
| Date Sampled | | | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 67 | 63 | 62 | 65 |
| 13C5-PFPeA (surr.) | 1 | % | 55 | 51 | 53 | 69 |
| 13C5-PFHxA (surr.) | 1 | % | 70 | 78 | 80 | 56 |
| 13C4-PFHpA (surr.) | 1 | % | 74 | 75 | 79 | 56 |
| 13C8-PFOA (surr.) | 1 | % | 94 | 94 | 102 | 93 |
| 13C5-PFNA (surr.) | 1 | % | 89 | 82 | 89 | 83 |
| 13C6-PFDA (surr.) | 1 | % | 105 | 98 | 114 | 76 |
| 13C2-PFUnDA (surr.) | 1 | % | 76 | 66 | 73 | 63 |
| 13C2-PFDoDA (surr.) | 1 | % | 66 | 62 | 60 | 100 |
| 13C2-PFTeDA (surr.) | 1 | % | 74 | 55 | 61 | 110 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 71 | 61 | 66 | 98 |
| D3-N-MeFOSA (surr.) | 1 | % | 69 | 53 | 74 | 90 |
| D5-N-EtFOSA (surr.) | 1 | % | 83 | 51 | 71 | [J-]8.0 |
| D7-N-MeFOSE (surr.) | 1 | % | [J-]48 | [J-]44 | [J-]41 | [J-]8.0 |
| D9-N-EtFOSE (surr.) | 1 | % | 54 | [J-]47 | [J-]49 | [J-]16 |
| D5-N-EtFOSAA (surr.) | 1 | % | 79 | 74 | 74 | 82 |
| D3-N-MeFOSAA (surr.) | 1 | % | 88 | 80 | 88 | 53 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.01 | [N09]< 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW057I_250428 | 0861_MW056S_250429 | 0861_MW056I_250429 | 0861_SW043_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011071 | B25-My0011078 | B25-My0011082 | B25-My0011145 |
| Date Sampled | | | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 93 | 87 | 94 | 78 |
| 18O2-PFHxS (surr.) | 1 | % | 110 | 116 | 123 | 73 |
| 13C8-PFOS (surr.) | 1 | % | 82 | 80 | 90 | 64 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 104 | 84 | 98 | 81 |
| 13C2-6:2 FTSA (surr.) | 1 | % | [J+]165 | 135 | [J+]162 | 81 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 82 | 70 | 78 | 57 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 65 | 54 | 61 | 60 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW026_250429 | 0861_SW045_250429 | 0861_SW098_250429 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011148 | B25-My0011157 | B25-My0011158 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 86 | 80 | 54 |
| 13C5-PFPeA (surr.) | 1 | % | 100 | 95 | 64 |
| 13C5-PFHxA (surr.) | 1 | % | 76 | 71 | 146 |
| 13C4-PFHpA (surr.) | 1 | % | 79 | 73 | 124 |
| 13C8-PFOA (surr.) | 1 | % | 58 | 53 | 99 |
| 13C5-PFNA (surr.) | 1 | % | 54 | 77 | 89 |
| 13C6-PFDA (surr.) | 1 | % | [J-]43 | 72 | 78 |

| Client Sample ID | | | 0861_SW026_250429 | 0861_SW045_250429 | 0861_SW098_250429 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011148 | B25-My0011157 | B25-My0011158 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | J-35 | 58 | 75 |
| 13C2-PFDoDA (surr.) | 1 | % | 106 | 113 | 71 |
| 13C2-PFTeDA (surr.) | 1 | % | 118 | 118 | 97 |
| **Perfluoroalkyl sulfonamido substances** | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 67 | 86 | 143 |
| D3-N-MeFOSA (surr.) | 1 | % | 56 | 59 | 92 |
| D5-N-EtFOSA (surr.) | 1 | % | J-7.0 | J-11 | J-13 |
| D7-N-MeFOSE (surr.) | 1 | % | N0913 | 131 | N099.0 |
| D9-N-EtFOSE (surr.) | 1 | % | N0914 | N0939 | 75 |
| D5-N-EtFOSAA (surr.) | 1 | % | 56 | 52 | 107 |
| D3-N-MeFOSAA (surr.) | 1 | % | 63 | 59 | 118 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | 0.01 | < 0.01 | 0.02 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | 0.01 | < 0.01 | 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 51 | 89 | 88 |
| 18O2-PFHxS (surr.) | 1 | % | 51 | 79 | 71 |
| 13C8-PFOS (surr.) | 1 | % | 83 | 78 | 50 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 112 | 112 | 71 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 112 | 112 | 71 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 66 | 53 | J-44 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 72 | 67 | 131 |

| Client Sample ID | | | 0861_SW026_250429 | 0861_SW045_250429 | 0861_SW098_250429 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011148 | B25-My0011157 | B25-My0011158 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.02 | < 0.01 | 0.03 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.01 | < 0.01 | 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.02 | < 0.01 | 0.03 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

**Company Name:** JBS & G Australia (QLD) P/L
**Address:**

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Order No.:**
**Report #:** 1215379
**Phone:**
**Fax:**

**Received:** May 2, 2025 4:15 PM
**Due:** May 12, 2025
**Priority:** 5 Day
**Contact Name:**

**Eurofins Analytical Services Manager :**

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_SW025_250501 | May 01, 2025 | | Water | B25-My0008027 | X |
| 2 | 0861_SW039_250501 | May 01, 2025 | | Water | B25-My0008028 | X |
| 3 | 0861_SW040_250501 | May 01, 2025 | | Water | B25-My0008034 | X |
| 4 | 0861_MW057S_250428 | Apr 28, 2025 | | Water | B25-My0011070 | X |
| 5 | 0861_MW057I_250428 | Apr 28, 2025 | | Water | B25-My0011071 | X |
| 6 | 0861_MW056S_250429 | Apr 29, 2025 | | Water | B25-My0011078 | X |
| 7 | 0861_MW056I_250429 | Apr 29, 2025 | | Water | B25-My0011082 | X |
| 8 | 0861_SW043_250429 | Apr 29, 2025 | | Water | B25-My0011145 | X |
| 9 | 0861_SW026_ | Apr 29, 2025 | | Water | B25-My0011148 | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
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Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
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web: www.eurofins.com.au
email: [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1215379
**Phone:** 07 3181 5738
**Fax:**

**Received:** May 2, 2025 4:15 PM
**Due:** May 12, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | 250429 | | | | | |
| 10 | 0861_SW045_250429 | Apr 29, 2025 | | Water | B25-My0011157 | X |
| 11 | 0861_SW098_250429 | Apr 29, 2025 | | Water | B25-My0011158 | X |
| **Test Counts** | | | | | | 11 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 83 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 93 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 84 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 83 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 92 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 98 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 90 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 102 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 89 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 77 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 77 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 96 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 53 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 96 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 104 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 82 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 75 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 98 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 72 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 95 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 82 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 107 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 80 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 100 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011074 | NCP | % | 85 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011074 | NCP | % | 147 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011074 | NCP | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011074 | NCP | % | 92 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011074 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011074 | NCP | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011074 | NCP | % | 94 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011074 | NCP | % | 92 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011074 | NCP | % | 110 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011074 | NCP | % | 96 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011074 | NCP | % | 106 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011074 | NCP | % | 96 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011074 | NCP | % | 81 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011074 | NCP | % | 72 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011074 | NCP | % | 22 | | | 50-150 | Fail | Q08 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011074 | NCP | % | 34 | | | 50-150 | Fail | Q08 |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011074 | NCP | % | 99 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011074 | NCP | % | 105 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011074 | NCP | % | 86 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011074 | NCP | % | 84 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011074 | NCP | % | 131 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011074 | NCP | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011074 | NCP | % | 112 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011074 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011074 | NCP | % | 88 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011074 | NCP | % | 75 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011074 | NCP | % | 106 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011074 | NCP | % | 120 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011074 | NCP | % | 117 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011074 | NCP | % | 100 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011084 | NCP | ug/L | 0.03 | 0.03 | 4.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011084 | NCP | ug/L | < 0.01 | 0.01 | 5.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011084 | NCP | ug/L | 0.03 | 0.03 | 14 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011084 | NCP | ug/L | 0.01 | 0.01 | 5.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011084 | NCP | ug/L | 0.03 | 0.03 | 7.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011084 | NCP | ug/L | 0.22 | 0.23 | 7.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011084 | NCP | ug/L | 0.04 | 0.04 | 15 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011084 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011084 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0008040 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0008040 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q08 | The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference. |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS

[redacted]
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW052_250428 | Water | 28/4/25 | | 1x bottle | | X | | | |
| 0861_SW083_250428 | | | | | | | | | |
| 0861_SW661_250428 | | | | | | | | | |
| 0861_SW047_250428 | | | | | | | | | |
| 0861_SW021_250428 | | | | | | | | | |
| 0861_SW049_250428 | | | | | | | | | |
| 0861_SW043_250429 | | 29/4/25 | | | | | | | |
| 0861_SW099_250429 | | | | | | | | | |
| 0861_SW100_250429 | | | | | | | | | |
| 0861_SW026_250429 | | | | | | | | | |
| 0861_SW658_250429 | | | | | | | | | 1215849 |
| 0861_SW051_250429 | | | | | | | | | |
| 0861_SW096_250429 | | | | | | | | | |
| 0861_SW660_250429 | | | | | | | | | |
| 0861_QC302_250428 | | 28/4/25 | | | | | | | |
| 0861_QC103_250429 | | 29/4/25 | | | | | | | |
| 0861_QC104_250430 | | 30/4/25 | | | | | | | |
| 0861_QC105_250430 | | 30/4/25 | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS[redacted] | TRANSPORT CO. | DATE: 2/5/25 4:15PM | COOLER TEMP 7.5 °C (Y) deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2025 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND REP [redacted] | |
| SEND INV [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_SW045_250429 | Water | 29/4/25 | | 1x bottle | | X | | | |
| 0861_SW098_250429 | | | | | | | | | |
| 0861_SW020_250430 | | 30/4/25 | | | | | | | |
| 0861_SW018_250430 | | | | | | | | | |
| 0861_SW034_250430 | | | | | | | | | |
| 0861_SW032_250430 | | | | | | | | | |
| 0861_SW015_250430 | | | | | | | | | |
| 0861_SW016_250430 | | | | | | | | | |
| 0861_SW023_250430 | | | | | | | | | |
| 0861_SW005_250430 | | | | | | | | | |
| 0861_SW022_250430 | | | | | | | | | |
| 0861_SW004_250430 | | | | | | | | | |
| 0861_SW028_250430 | | | | | | | | | |
| 0861_SW530_250430 | | | | | | | | | |
| 0861_QC304_250429 | | 29/4/25 | | | | | | | |
| 0861_QC306_250430 | | 30/4/25 | | | | | | | |
| 0861_QC107_250501 | | 1/5/25 | | | | | | | |
| 0861_QC307_250501 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025<br>OF: JBS& [redacted] | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Groundwater

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2025 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND RE [redacted] | |
| SEND INV [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

**Standard LOR**

P/s fwd to Envirolab

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC201_250428 | Water | 28/4/25 | | 1 x bottle | | X | | | |
| 0861_QC202_250429 | " | 29/4/25 | | " | | " | | | |
| 0861_QC206_250501 | | 1/5/25 | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Surface Water

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2025 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND RE [redacted] | |
| SEND IN [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

P/S Fwd to Envirolab

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC203_250429 | Water | 29/4/25 | | 1 x bottle | | X | | | |
| 0861_QC204_250430 | " | 30/4/25 | | " | | " | | | |
| 0861_QC205_250430 | " | " | | " | | " | | | |
| 0861_QC207_250501 | " | 1/5/25 | | " | | " | | | |
| 0861_QC208_250502 | " | 2/5/25 | | " | | " | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] TE: 2/5/2025<br>OF: JBS& [redacted] | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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[redacted]

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Site Number 20794 & 2780

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NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1215849-W**
Project name DOD AMBERLEY OMP 2025
Project ID QLD_0861_PFASOMP_25
Received Date May 02, 2025

| **Client Sample ID** | | | 0861_SW008_250430 | 0861_SW050_250501 | 0861_SW094_250501 | 0861_SW036_250501 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | Water | Water | Water | Water |
| **Eurofins Sample No.** | | | B25-My0008026 | B25-My0008029 | B25-My0008030 | B25-My0008031 |
| **Date Sampled** | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.22 | 0.06 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.11 | 0.11 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.36 | 0.22 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.01 | [N09]0.05 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.47 | [N09]0.07 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | [J-]21 | 56 | 97 | 64 |
| 13C5-PFPeA (surr.) | 1 | % | 94 | 58 | 116 | 86 |
| 13C5-PFHxA (surr.) | 1 | % | 61 | 50 | 90 | 51 |
| 13C4-PFHpA (surr.) | 1 | % | 61 | 53 | 94 | 51 |
| 13C8-PFOA (surr.) | 1 | % | 57 | 114 | 87 | 90 |
| 13C5-PFNA (surr.) | 1 | % | [J-]15 | 76 | 68 | 94 |
| 13C6-PFDA (surr.) | 1 | % | 57 | 85 | 61 | 50 |
| 13C2-PFUnDA (surr.) | 1 | % | [J-]44 | 66 | 53 | 54 |
| 13C2-PFDoDA (surr.) | 1 | % | 57 | 102 | [J+]174 | 55 |
| 13C2-PFTeDA (surr.) | 1 | % | 71 | 115 | 147 | 85 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | [J-]36 | 68 | 66 | 52 |
| D3-N-MeFOSA (surr.) | 1 | % | 44 | 56 | 84 | 20 |

| Client Sample ID | | | 0861_SW008_250430 | 0861_SW050_250501 | 0861_SW094_250501 | 0861_SW036_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008026 | B25-My0008029 | B25-My0008030 | B25-My0008031 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 50 | 128 | 83 | 25 |
| D7-N-MeFOSE (surr.) | 1 | % | 36 | 122 | 56 | 83 |
| D9-N-EtFOSE (surr.) | 1 | % | 124 | 73 | 115 | 126 |
| D5-N-EtFOSAA (surr.) | 1 | % | J-15 | 86 | 70 | J-27 |
| D3-N-MeFOSAA (surr.) | 1 | % | 24 | 85 | 71 | 45 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 0.58 | 0.09 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | 0.07 | 0.04 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | N090.40 | N090.08 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | N092.0 | N090.57 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | N090.10 | N090.02 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | N092.7 | 0.52 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 21 | 50 | 92 | 55 |
| 18O2-PFHxS (surr.) | 1 | % | 86 | 87 | 59 | 104 |
| 13C8-PFOS (surr.) | 1 | % | 81 | 81 | 60 | 83 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | 0.08 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 61 | 85 | 137 | 75 |
| 13C2-6:2 FTSA (surr.) | 1 | % | J-59 | 85 | 137 | 59 |
| 13C2-8:2 FTSA (surr.) | 1 | % | J-14 | 54 | 101 | J-41 |
| 13C2-10:2 FTSA (surr.) | 1 | % | J-14 | 74 | 68 | J-41 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 4.7 | 1.09 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 3.17 | 0.59 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 5.17 | 1.16 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 6.53 | 1.69 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 7.1 | 1.83 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW037_250501 | 0861_SW059_250501 | 0861_SW089_250502 | 0861_SW090_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008032 | B25-My0008033 | B25-My0008035 | B25-My0008036 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.21 | 0.41 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.30 | 0.69 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 1.0 | 1.5 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.14 | [N09]0.39 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.22 | [N09]0.60 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.01 | 0.05 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 52 | 76 | 63 | 100 |
| 13C5-PFPeA (surr.) | 1 | % | 62 | 80 | 70 | 115 |
| 13C5-PFHxA (surr.) | 1 | % | 137 | 148 | 56 | 88 |
| 13C4-PFHpA (surr.) | 1 | % | 138 | 74 | 56 | 100 |
| 13C8-PFOA (surr.) | 1 | % | 104 | 65 | 102 | 84 |
| 13C5-PFNA (surr.) | 1 | % | 93 | 81 | 72 | 68 |
| 13C6-PFDA (surr.) | 1 | % | 101 | 75 | 72 | 59 |
| 13C2-PFUnDA (surr.) | 1 | % | 82 | 55 | 62 | 53 |
| 13C2-PFDoDA (surr.) | 1 | % | 124 | [J+]178 | 85 | [J+]184 |
| 13C2-PFTeDA (surr.) | 1 | % | 136 | [J+]163 | 84 | [J+]175 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 78 | [J-]34 | 73 | 69 |
| D3-N-MeFOSA (surr.) | 1 | % | 88 | 54 | 67 | [J+]152 |
| D5-N-EtFOSA (surr.) | 1 | % | 61 | 54 | 64 | 133 |
| D7-N-MeFOSE (surr.) | 1 | % | [J+]204 | 119 | 71 | [J+]157 |
| D9-N-EtFOSE (surr.) | 1 | % | [J+]692 | 67 | 68 | [J+]158 |
| D5-N-EtFOSAA (surr.) | 1 | % | 81 | 75 | 53 | 69 |
| D3-N-MeFOSAA (surr.) | 1 | % | 103 | 74 | 71 | 66 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.44 | 0.62 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.30 | 0.27 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.45 | [N09]0.62 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]3.2 | [N09]3.7 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.11 | [N09]0.13 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 1.4 | 3.5 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW037_250501 | 0861_SW059_250501 | 0861_SW089_250502 | 0861_SW090_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008032 | B25-My0008033 | B25-My0008035 | B25-My0008036 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 127 | 75 | 56 | 93 |
| 18O2-PFHxS (surr.) | 1 | % | 76 | 85 | 88 | 60 |
| 13C8-PFOS (surr.) | 1 | % | 102 | 72 | 79 | 56 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.14 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 97 | 128 | 95 | 144 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 97 | 127 | 95 | 141 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 130 | 109 | 89 | 86 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 112 | 73 | 55 | 64 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 4.6 | 7.2 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 1.62 | 4.1 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 4.82 | 7.8 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 6.91 | 11.55 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 7.78 | 12.62 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW091_250502 | 0861_SW656_250502 | 0861_SW033_250502 | 0861_QC108_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008037 | B25-My0008038 | B25-My0008039 | B25-My0008040 |
| Date Sampled | | | May 02, 2025 | May 02, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 2.2 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 2.5 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 7.0 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]1.2 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]3.4 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.13 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.03 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 82 | 53 | 145 | 56 |
| 13C5-PFPeA (surr.) | 1 | % | 97 | 109 | [J+]187 | 59 |
| 13C5-PFHxA (surr.) | 1 | % | 73 | 83 | 144 | 55 |
| 13C4-PFHpA (surr.) | 1 | % | 77 | 83 | 52 | 66 |
| 13C8-PFOA (surr.) | 1 | % | 64 | 103 | 91 | 68 |
| 13C5-PFNA (surr.) | 1 | % | 51 | 79 | 83 | 61 |
| 13C6-PFDA (surr.) | 1 | % | 71 | 85 | 80 | 92 |

| Client Sample ID | | | 0861_SW091_250502 | 0861_SW656_250502 | 0861_SW033_250502 | 0861_QC108_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008037 | B25-My0008038 | B25-My0008039 | B25-My0008040 |
| Date Sampled | | | May 02, 2025 | May 02, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 51 | 75 | 79 | 70 |
| 13C2-PFDoDA (surr.) | 1 | % | 126 | 71 | J+161 | 148 |
| 13C2-PFTeDA (surr.) | 1 | % | 107 | 74 | J+188 | 132 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | 0.13 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 50 | J-29 | 79 | 68 |
| D3-N-MeFOSA (surr.) | 1 | % | 89 | 44 | 145 | 50 |
| D5-N-EtFOSA (surr.) | 1 | % | 85 | 52 | 114 | 68 |
| D7-N-MeFOSE (surr.) | 1 | % | J+215 | J-30 | 114 | J-35 |
| D9-N-EtFOSE (surr.) | 1 | % | 98 | 80 | J+291 | J-44 |
| D5-N-EtFOSAA (surr.) | 1 | % | 66 | J-21 | 55 | 53 |
| D3-N-MeFOSAA (surr.) | 1 | % | 63 | 81 | 69 | 56 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | 2.6 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.1 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.46 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | N093.4 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | N0922 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | N090.75 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | 38 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.26 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 72 | 102 | 124 | 62 |
| 18O2-PFHxS (surr.) | 1 | % | 85 | 82 | 75 | 74 |
| 13C8-PFOS (surr.) | 1 | % | 70 | 79 | 135 | 76 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 123 | 88 | 92 | 96 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 123 | 51 | 92 | 96 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 67 | 105 | 112 | 90 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 51 | 105 | 106 | 55 |

| Client Sample ID | | | 0861_SW091_250502 | 0861_SW656_250502 | 0861_SW033_250502 | 0861_QC108_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008037 | B25-My0008038 | B25-My0008039 | B25-My0008040 |
| Date Sampled | | | May 02, 2025 | May 02, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 60 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 41.4 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 63.4 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 78.91 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 84.08 | < 0.1 |

| Client Sample ID | | | 0861_QC310_250502 | 0861_QC501_250502 | 0861_QC405_250502 | 0861_QC308_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008041 | B25-My0011057 | B25-My0011058 | B25-My0011059 |
| Date Sampled | | | May 02, 2025 | May 02, 2025 | May 02, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 113 | 51 | 111 | J-45 |
| 13C5-PFPeA (surr.) | 1 | % | 129 | 67 | J+116 | 60 |
| 13C5-PFHxA (surr.) | 1 | % | 85 | 58 | 136 | 53 |
| 13C4-PFHpA (surr.) | 1 | % | 83 | 60 | 150 | 52 |
| 13C8-PFOA (surr.) | 1 | % | 65 | 65 | 148 | 60 |
| 13C5-PFNA (surr.) | 1 | % | 56 | 76 | J+135 | 68 |
| 13C6-PFDA (surr.) | 1 | % | 56 | 69 | J+124 | 67 |
| 13C2-PFUnDA (surr.) | 1 | % | 53 | 72 | J+124 | 65 |
| 13C2-PFDoDA (surr.) | 1 | % | J+185 | 74 | J+98 | 67 |
| 13C2-PFTeDA (surr.) | 1 | % | 150 | 57 | 106 | 51 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 57 | 52 | 110 | 45 |

| Client Sample ID | | | 0861_QC310_250502 | 0861_QC501_250502 | 0861_QC405_250502 | 0861_QC308_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0008041 | B25-My0011057 | B25-My0011058 | B25-My0011059 |
| Date Sampled | | | May 02, 2025 | May 02, 2025 | May 02, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 114 | 56 | 126 | 47 |
| D5-N-EtFOSA (surr.) | 1 | % | 129 | 50 | 129 | 47 |
| D7-N-MeFOSE (surr.) | 1 | % | 136 | 51 | 101 | 31 |
| D9-N-EtFOSE (surr.) | 1 | % | 147 | 43 | 125 | 39 |
| D5-N-EtFOSAA (surr.) | 1 | % | 63 | 55 | 121 | 47 |
| D3-N-MeFOSAA (surr.) | 1 | % | 64 | 53 | 112 | 47 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 92 | 73 | [J+]94 | 66 |
| 18O2-PFHxS (surr.) | 1 | % | 54 | 70 | 139 | 69 |
| 13C8-PFOS (surr.) | 1 | % | 54 | 67 | [J+]116 | 59 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 122 | [J-]23 | 81 | [J-]21 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 122 | [J-]28 | 88 | [J-]31 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 73 | [J-]47 | 64 | [J-]46 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 61 | [J-]48 | 136 | 56 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC404_250501 | 0861_QC309_250502 | 0861_MW043_250502 | 0861_MW042_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011060 | B25-My0011061 | B25-My0011062 | B25-My0011063 |
| Date Sampled | | | May 01, 2025 | May 02, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.04 | 0.02 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.09 | 0.03 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 59 | [J-]107 | [J-]41 | 71 |
| 13C5-PFPeA (surr.) | 1 | % | 92 | [J-]121 | 51 | 64 |
| 13C5-PFHxA (surr.) | 1 | % | 72 | [J-]121 | [J-]42 | 75 |
| 13C4-PFHpA (surr.) | 1 | % | 76 | [J-]111 | 59 | 102 |
| 13C8-PFOA (surr.) | 1 | % | 83 | [J-]128 | 53 | 113 |
| 13C5-PFNA (surr.) | 1 | % | 97 | [J-]130 | 57 | 107 |
| 13C6-PFDA (surr.) | 1 | % | 95 | [J-]135 | 53 | 123 |
| 13C2-PFUnDA (surr.) | 1 | % | 93 | [J-]125 | 51 | 86 |
| 13C2-PFDoDA (surr.) | 1 | % | 98 | [J-]109 | [J-]49 | 75 |
| 13C2-PFTeDA (surr.) | 1 | % | 91 | [J-]77 | [J-]45 | 65 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 61 | 94 | 39 | 75 |
| D3-N-MeFOSA (surr.) | 1 | % | 58 | 56 | 43 | 55 |
| D5-N-EtFOSA (surr.) | 1 | % | 50 | 57 | 49 | 71 |
| D7-N-MeFOSE (surr.) | 1 | % | 53 | 89 | 30 | 57 |
| D9-N-EtFOSE (surr.) | 1 | % | 60 | 113 | 31 | 54 |
| D5-N-EtFOSAA (surr.) | 1 | % | 64 | 100 | 39 | 87 |
| D3-N-MeFOSAA (surr.) | 1 | % | 62 | 95 | 35 | 101 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.13 | 0.02 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.07 | 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.03 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.09 | [N09]0.05 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.05 | [N09]0.02 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_QC404_250501 | 0861_QC309_250502 | 0861_MW043_250502 | 0861_MW042_250502 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011060 | B25-My0011061 | B25-My0011062 | B25-My0011063 |
| Date Sampled | | | May 01, 2025 | May 02, 2025 | May 02, 2025 | May 02, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 97 | J-93 | 61 | 129 |
| 18O2-PFHxS (surr.) | 1 | % | 98 | J-98 | 53 | 123 |
| 13C8-PFOS (surr.) | 1 | % | 95 | 119 | 51 | 102 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | J-28 | 71 | J-48 | 122 |
| 13C2-6:2 FTSA (surr.) | 1 | % | J-33 | J-146 | J-34 | J+182 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 74 | J-75 | J-21 | 114 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 79 | J-102 | J-41 | 86 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.14 | 0.07 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.07 | 0.02 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.16 | 0.07 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.42 | 0.15 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.52 | 0.16 |

| Client Sample ID | | | 0861_QC403_250430 | 0861_QC305_250430 | 0861_QC106_250501 | 0861_MW002_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011064 | B25-My0011065 | B25-My0011066 | B25-My0011067 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | May 01, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 53 | 132 | 51 | 55 |
| 13C5-PFPeA (surr.) | 1 | % | 66 | 118 | 83 | 96 |
| 13C5-PFHxA (surr.) | 1 | % | 57 | 149 | 57 | 72 |
| 13C4-PFHpA (surr.) | 1 | % | 65 | 130 | 64 | 97 |
| 13C8-PFOA (surr.) | 1 | % | 69 | 111 | 70 | 70 |
| 13C5-PFNA (surr.) | 1 | % | 74 | 107 | 79 | 81 |
| 13C6-PFDA (surr.) | 1 | % | 76 | 143 | 75 | 69 |

| Client Sample ID | | | 0861_QC403_250430 | 0861_QC305_250430 | 0861_QC106_250501 | 0861_MW002_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011064 | B25-My0011065 | B25-My0011066 | B25-My0011067 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | May 01, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 78 | 117 | 72 | 65 |
| 13C2-PFDoDA (surr.) | 1 | % | 81 | 113 | 85 | 68 |
| 13C2-PFTeDA (surr.) | 1 | % | 83 | 67 | 65 | 57 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 51 | 57 | 60 | 52 |
| D3-N-MeFOSA (surr.) | 1 | % | 72 | [J-]36 | 65 | 29 |
| D5-N-EtFOSA (surr.) | 1 | % | 71 | [J-]41 | 70 | 27 |
| D7-N-MeFOSE (surr.) | 1 | % | 44 | [J-]33 | 49 | 31 |
| D9-N-EtFOSE (surr.) | 1 | % | 48 | [J-]38 | 50 | 32 |
| D5-N-EtFOSAA (surr.) | 1 | % | 57 | 104 | 64 | 56 |
| D3-N-MeFOSAA (surr.) | 1 | % | 50 | 119 | 60 | 52 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 79 | 136 | 89 | 108 |
| 18O2-PFHxS (surr.) | 1 | % | 73 | 144 | 94 | 96 |
| 13C8-PFOS (surr.) | 1 | % | 74 | 121 | 78 | 77 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | [J-]21 | 118 | [J-]28 | [J-]44 |
| 13C2-6:2 FTSA (surr.) | 1 | % | [J-]32 | 125 | [J-]38 | [J-]23 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 57 | 100 | 65 | 70 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 62 | 106 | 62 | 56 |

| Client Sample ID | | | 0861_QC403_250430 | 0861_QC305_250430 | 0861_QC106_250501 | 0861_MW002_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011064 | B25-My0011065 | B25-My0011066 | B25-My0011067 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | May 01, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_MW031_250428 | 0861_MW030_250428 | 0861_MW034_250429 | 0861_MW028_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011068 | B25-My0011069 | B25-My0011072 | B25-My0011073 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 1.0 | < 0.05 | 0.18 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 1.9 | < 0.01 | 0.23 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 11 | < 0.01 | 1.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 2.2 | < 0.01 | 0.21 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 2.2 | < 0.01 | [N09]0.49 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 83 | [J-]90 | 83 | 73 |
| 13C5-PFPeA (surr.) | 1 | % | 110 | 117 | 100 | 61 |
| 13C5-PFHxA (surr.) | 1 | % | 100 | [J-]71 | 106 | 53 |
| 13C4-PFHpA (surr.) | 1 | % | 131 | [J-]99 | 76 | 70 |
| 13C8-PFOA (surr.) | 1 | % | 105 | 88 | 75 | 52 |
| 13C5-PFNA (surr.) | 1 | % | 129 | 59 | 69 | 65 |
| 13C6-PFDA (surr.) | 1 | % | 118 | 57 | 78 | [J-]45 |
| 13C2-PFUnDA (surr.) | 1 | % | 114 | 55 | 52 | 56 |
| 13C2-PFDoDA (surr.) | 1 | % | 127 | 61 | [J-]46 | 52 |
| 13C2-PFTeDA (surr.) | 1 | % | 92 | [J-]63 | 60 | 64 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 96 | 90 | 62 | 69 |

| Client Sample ID | | | 0861_MW031_250428 | 0861_MW030_250428 | 0861_MW034_250429 | 0861_MW028_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011068 | B25-My0011069 | B25-My0011072 | B25-My0011073 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 96 | 30 | 72 | 60 |
| D5-N-EtFOSA (surr.) | 1 | % | 96 | 28 | 64 | 63 |
| D7-N-MeFOSE (surr.) | 1 | % | 72 | 74 | J-38 | 57 |
| D9-N-EtFOSE (surr.) | 1 | % | 79 | 64 | J-36 | J-38 |
| D5-N-EtFOSAA (surr.) | 1 | % | 97 | 88 | 53 | 66 |
| D3-N-MeFOSAA (surr.) | 1 | % | 93 | 91 | 58 | 65 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | 5.1 | < 0.01 | 0.73 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | 1.6 | < 0.01 | 0.45 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | 4.9 | < 0.01 | N090.60 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 | 17 | < 0.01 | N095.1 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | 0.48 | < 0.01 | N090.38 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 | 0.38 | < 0.01 | N0915 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 147 | J-60 | 93 | 69 |
| 18O2-PFHxS (surr.) | 1 | % | 146 | J-89 | 99 | 143 |
| 13C8-PFOS (surr.) | 1 | % | 129 | 99 | 68 | 87 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 80 | J-69 | 84 | 94 |
| 13C2-6:2 FTSA (surr.) | 1 | % | J-47 | 79 | 88 | 109 |
| 13C2-8:2 FTSA (surr.) | 1 | % | J-45 | 51 | 59 | J-48 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 105 | J-66 | J-40 | 54 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 17.38 | < 0.01 | 20.1 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 2.58 | < 0.01 | 15.49 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 19.58 | < 0.01 | 20.59 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 40.78 | < 0.05 | 23.14 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 47.76 | < 0.1 | 24.57 |

| Client Sample ID | | | 0861_MW041_250429 | 0861_MW029_250429 | 0861_MW044_250429 | 0861_MW036_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011074 | B25-My0011075 | B25-My0011076 | B25-My0011077 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.19 | 0.15 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.14 | 0.19 | 0.03 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.26 | 0.94 | 0.02 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.02 | 0.14 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.03 | [N09]0.26 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 78 | 74 | 55 | 75 |
| 13C5-PFPeA (surr.) | 1 | % | 84 | 91 | 135 | 101 |
| 13C5-PFHxA (surr.) | 1 | % | 72 | 57 | 64 | 107 |
| 13C4-PFHpA (surr.) | 1 | % | 86 | 67 | 65 | 97 |
| 13C8-PFOA (surr.) | 1 | % | 80 | 51 | 78 | 72 |
| 13C5-PFNA (surr.) | 1 | % | 67 | 64 | 72 | 81 |
| 13C6-PFDA (surr.) | 1 | % | 53 | 62 | 84 | 103 |
| 13C2-PFUnDA (surr.) | 1 | % | 50 | 59 | 59 | 79 |
| 13C2-PFDoDA (surr.) | 1 | % | [J+]174 | 58 | 52 | 93 |
| 13C2-PFTeDA (surr.) | 1 | % | 136 | 59 | [J-]42 | 72 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 65 | 66 | 59 | 68 |
| D3-N-MeFOSA (surr.) | 1 | % | 115 | 70 | 96 | 63 |
| D5-N-EtFOSA (surr.) | 1 | % | 119 | 72 | 64 | 57 |
| D7-N-MeFOSE (surr.) | 1 | % | [J+]156 | 54 | [J-]39 | [J-]42 |
| D9-N-EtFOSE (surr.) | 1 | % | [J+]154 | 54 | 64 | 70 |
| D5-N-EtFOSAA (surr.) | 1 | % | 71 | 68 | 64 | 92 |
| D3-N-MeFOSAA (surr.) | 1 | % | 67 | 68 | 70 | 100 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.16 | 0.71 | 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.13 | 0.49 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.06 | [N09]0.71 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.29 | [N09]5.2 | [N09]0.01 | [N09]0.06 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]< 0.01 | [N09]0.24 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.33 | [N09]3.7 | [N09]0.02 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW041_250429 | 0861_MW029_250429 | 0861_MW044_250429 | 0861_MW036_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011074 | B25-My0011075 | B25-My0011076 | B25-My0011077 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 86 | 60 | 75 | 84 |
| 18O2-PFHxS (surr.) | 1 | % | 56 | 128 | 96 | 101 |
| 13C8-PFOS (surr.) | 1 | % | 54 | 107 | 73 | 81 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 109 | 59 | 87 | 77 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 109 | [J+]155 | 132 | 89 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 89 | [J-]47 | 60 | 149 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 63 | 64 | 52 | 140 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.62 | 8.9 | 0.03 | 0.06 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.36 | 3.96 | 0.02 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.65 | 9.16 | 0.03 | 0.06 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.42 | 11.29 | 0.09 | 0.06 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.61 | 12.73 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC101_250428 | 0861_QC401_250428 | 0861_QC301_250428 | 0861_MW033_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011079 | B25-My0011080 | B25-My0011081 | B25-My0011083 |
| Date Sampled | | | Apr 28, 2025 | Apr 29, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 1.2 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 1.7 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 8.2 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 1.8 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]2.0 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 59 | 133 | 97 | 53 |
| 13C5-PFPeA (surr.) | 1 | % | 118 | 143 | 104 | 60 |
| 13C5-PFHxA (surr.) | 1 | % | 123 | 135 | 92 | 120 |
| 13C4-PFHpA (surr.) | 1 | % | 103 | 122 | 96 | 113 |
| 13C8-PFOA (surr.) | 1 | % | 111 | 107 | 82 | 95 |
| 13C5-PFNA (surr.) | 1 | % | 69 | 99 | 78 | 77 |
| 13C6-PFDA (surr.) | 1 | % | 98 | 137 | 111 | 76 |

| Client Sample ID | | | 0861_QC101_250428 | 0861_QC401_250428 | 0861_QC301_250428 | 0861_MW033_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011079 | B25-My0011080 | B25-My0011081 | B25-My0011083 |
| Date Sampled | | | Apr 28, 2025 | Apr 29, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 81 | 109 | 83 | 62 |
| 13C2-PFDoDA (surr.) | 1 | % | 82 | 104 | 83 | 83 |
| 13C2-PFTeDA (surr.) | 1 | % | 75 | 76 | 75 | 77 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 67 | 55 | 65 | 61 |
| D3-N-MeFOSA (surr.) | 1 | % | 53 | [J-]23 | 60 | 89 |
| D5-N-EtFOSA (surr.) | 1 | % | 53 | [J-]26 | 52 | 74 |
| D7-N-MeFOSE (surr.) | 1 | % | 65 | [J-]25 | [J-]49 | 119 |
| D9-N-EtFOSE (surr.) | 1 | % | [J-]41 | [J-]32 | [J-]45 | 68 |
| D5-N-EtFOSAA (surr.) | 1 | % | 86 | 102 | 79 | 86 |
| D3-N-MeFOSAA (surr.) | 1 | % | 90 | 117 | 91 | 67 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 4.9 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 1.2 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]4.2 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]18 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.34 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.51 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 109 | 139 | 112 | 149 |
| 18O2-PFHxS (surr.) | 1 | % | 113 | 141 | 102 | 96 |
| 13C8-PFOS (surr.) | 1 | % | 91 | 103 | 81 | 71 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 64 | 114 | 74 | 79 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 73 | 91 | 60 | 52 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 82 | 79 | 58 | 56 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 95 | 104 | 80 | 81 |

| Client Sample ID | | | 0861_QC101_250428 | 0861_QC401_250428 | 0861_QC301_250428 | 0861_MW033_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011079 | B25-My0011080 | B25-My0011081 | B25-My0011083 |
| Date Sampled | | | Apr 28, 2025 | Apr 29, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 18.51 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 2.51 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 20.51 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 38.31 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 44.05 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_MW022_250430 | 0861_MW049_250430 | 0861_MW048_250430 | 0861_MW021_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011084 | B25-My0011085 | B25-My0011086 | B25-My0011087 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.14 | 0.10 | 0.17 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.16 | 0.10 | 0.26 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.03 | 0.56 | 0.36 | 1.3 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.08 | [N09]0.04 | [N09]0.25 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]< 0.01 | 0.10 | [N09]0.12 | [N09]1.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.03 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 65 | 72 | [J-]44 | 54 |
| 13C5-PFPeA (surr.) | 1 | % | 68 | 108 | 45 | 57 |
| 13C5-PFHxA (surr.) | 1 | % | 59 | 79 | 138 | 122 |
| 13C4-PFHpA (surr.) | 1 | % | 63 | 100 | 133 | 107 |
| 13C8-PFOA (surr.) | 1 | % | 57 | 104 | 98 | 84 |
| 13C5-PFNA (surr.) | 1 | % | 82 | 106 | 75 | 74 |
| 13C6-PFDA (surr.) | 1 | % | 88 | 92 | 77 | 65 |
| 13C2-PFUnDA (surr.) | 1 | % | 81 | 96 | 69 | 55 |
| 13C2-PFDoDA (surr.) | 1 | % | 128 | 94 | 78 | 98 |
| 13C2-PFTeDA (surr.) | 1 | % | 115 | 68 | 79 | 71 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 84 | 72 | 59 | 60 |

| Client Sample ID | | | 0861_MW022_250430 | 0861_MW049_250430 | 0861_MW048_250430 | 0861_MW021_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011084 | B25-My0011085 | B25-My0011086 | B25-My0011087 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 105 | 92 | 146 | 54 |
| D5-N-EtFOSA (surr.) | 1 | % | 99 | 90 | 81 | 99 |
| D7-N-MeFOSE (surr.) | 1 | % | 118 | 52 | J-40 | J-23 |
| D9-N-EtFOSE (surr.) | 1 | % | 134 | 58 | 52 | 58 |
| D5-N-EtFOSAA (surr.) | 1 | % | 82 | 72 | 91 | 68 |
| D3-N-MeFOSAA (surr.) | 1 | % | 89 | 65 | 82 | 72 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 0.03 | 0.39 | 0.15 | 0.49 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | 0.01 | 0.16 | 0.09 | 0.10 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | N090.03 | 0.23 | N090.14 | N090.77 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | N090.22 | 1.6 | N092.1 | N099.0 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | 0.04 | N090.07 | N090.38 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | N090.04 | 1.1 | N092.8 | N0926 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 64 | 109 | 74 | 51 |
| 18O2-PFHxS (surr.) | 1 | % | 91 | 112 | 85 | 76 |
| 13C8-PFOS (surr.) | 1 | % | 81 | 115 | 73 | 129 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 90 | 75 | 56 | 76 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 90 | J-51 | 56 | 76 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 67 | 72 | 86 | 75 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 78 | 80 | 77 | 58 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.26 | 2.7 | 4.9 | 35 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.04 | 1.2 | 2.92 | 27.1 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.26 | 2.8 | 5.02 | 36.1 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.32 | 4.13 | 5.77 | 38.57 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.36 | 4.56 | 6.07 | 39.85 |

| Client Sample ID | | | 0861_MW037_250430 | 0861_MW538_250501 | 0861_MW055S_250501 | 0861_MW055D_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011088 | B25-My0011089 | B25-My0011090 | B25-My0011091 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.30 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.46 | < 0.01 | 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 1.7 | < 0.01 | 0.03 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.22 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.18 | < 0.01 | [N09]0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 92 | 90 | 63 | 88 |
| 13C5-PFPeA (surr.) | 1 | % | 80 | 104 | 52 | 138 |
| 13C5-PFHxA (surr.) | 1 | % | 112 | 70 | 71 | 127 |
| 13C4-PFHpA (surr.) | 1 | % | 72 | 69 | 87 | 108 |
| 13C8-PFOA (surr.) | 1 | % | 54 | 57 | 96 | 85 |
| 13C5-PFNA (surr.) | 1 | % | 58 | 64 | 84 | 86 |
| 13C6-PFDA (surr.) | 1 | % | 57 | 75 | 104 | 115 |
| 13C2-PFUnDA (surr.) | 1 | % | 55 | 57 | 75 | 99 |
| 13C2-PFDoDA (surr.) | 1 | % | [J+]176 | [J+]155 | 66 | 86 |
| 13C2-PFTeDA (surr.) | 1 | % | [J+]219 | [J+]158 | 74 | 80 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 66 | 58 | 76 | 90 |
| D3-N-MeFOSA (surr.) | 1 | % | 111 | [J+]193 | 92 | 78 |
| D5-N-EtFOSA (surr.) | 1 | % | 99 | [J+]201 | 92 | 73 |
| D7-N-MeFOSE (surr.) | 1 | % | 119 | [J+]173 | 59 | 55 |
| D9-N-EtFOSE (surr.) | 1 | % | 131 | [J+]253 | [J-]48 | 51 |
| D5-N-EtFOSAA (surr.) | 1 | % | 69 | 62 | 85 | 91 |
| D3-N-MeFOSAA (surr.) | 1 | % | 66 | 55 | 96 | 103 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 2.1 | < 0.01 | 0.02 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 1.4 | < 0.01 | 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]1.7 | < 0.01 | [N09]0.02 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]7.0 | < 0.01 | [N09]0.14 | [N09]0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.14 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.24 | < 0.01 | [N09]0.08 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_MW037_250430 | 0861_MW538_250501 | 0861_MW055S_250501 | 0861_MW055D_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011088 | B25-My0011089 | B25-My0011090 | B25-My0011091 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 100 | 75 | 108 | 117 |
| 18O2-PFHxS (surr.) | 1 | % | 59 | 74 | 114 | 121 |
| 13C8-PFOS (surr.) | 1 | % | 56 | 68 | 85 | 90 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 102 | 97 | 120 | 82 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 102 | 97 | 126 | 74 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 69 | 57 | 81 | 71 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 65 | 50 | 56 | 84 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 7.24 | < 0.01 | 0.22 | 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.42 | < 0.01 | 0.09 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 7.42 | < 0.01 | 0.23 | 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 12.2 | < 0.05 | 0.29 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 15.44 | < 0.1 | 0.32 | < 0.1 |

| Client Sample ID | | | 0861_MW024_250501 | 0861_MW035_250501 | 0861_MW537_250501 | 0861_MW026_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011092 | B25-My0011093 | B25-My0011094 | B25-My0011095 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.07 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.08 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.29 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 58 | [J-]99 | 78 | [J-]45 |
| 13C5-PFPeA (surr.) | 1 | % | 66 | [J-]127 | 96 | 74 |
| 13C5-PFHxA (surr.) | 1 | % | 63 | [J-]114 | 68 | 51 |
| 13C4-PFHpA (surr.) | 1 | % | 55 | [J-]112 | 96 | 60 |
| 13C8-PFOA (surr.) | 1 | % | 51 | [J-]117 | 88 | 51 |
| 13C5-PFNA (surr.) | 1 | % | 112 | [J-]127 | 73 | 67 |
| 13C6-PFDA (surr.) | 1 | % | 63 | [J-]111 | 149 | 67 |

| Client Sample ID | | | 0861_MW024_250501 | 0861_MW035_250501 | 0861_MW537_250501 | 0861_MW026_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011092 | B25-My0011093 | B25-My0011094 | B25-My0011095 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 50 | J-134 | 88 | 65 |
| 13C2-PFDoDA (surr.) | 1 | % | 51 | J-117 | 93 | 65 |
| 13C2-PFTeDA (surr.) | 1 | % | 52 | J-113 | 81 | 61 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 51 | 106 | 77 | 52 |
| D3-N-MeFOSA (surr.) | 1 | % | 119 | 57 | 100 | 68 |
| D5-N-EtFOSA (surr.) | 1 | % | 102 | 61 | 90 | 68 |
| D7-N-MeFOSE (surr.) | 1 | % | 63 | 94 | 53 | 45 |
| D9-N-EtFOSE (surr.) | 1 | % | J-35 | 23 | 61 | 44 |
| D5-N-EtFOSAA (surr.) | 1 | % | 51 | 112 | 113 | 55 |
| D3-N-MeFOSAA (surr.) | 1 | % | 53 | 88 | 112 | 47 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 0.02 | < 0.01 | 0.20 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | 0.15 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | N090.02 | < 0.01 | N090.09 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | N090.13 | < 0.01 | N090.23 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | N090.03 | < 0.01 | N090.07 | 0.04 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 68 | J-99 | 102 | 79 |
| 18O2-PFHxS (surr.) | 1 | % | 61 | J-103 | 110 | 76 |
| 13C8-PFOS (surr.) | 1 | % | 52 | J-119 | 95 | 70 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 63 | 81 | 99 | J-23 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 61 | J-76 | 96 | J-28 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 78 | J-50 | 116 | 52 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 50 | J-115 | 111 | 57 |

| Client Sample ID | | | 0861_MW024_250501 | 0861_MW035_250501 | 0861_MW537_250501 | 0861_MW026_250501 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011092 | B25-My0011093 | B25-My0011094 | B25-My0011095 |
| Date Sampled | | | May 01, 2025 | May 01, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.16 | < 0.01 | 0.3 | 0.04 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.03 | < 0.01 | 0.08 | 0.04 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.16 | < 0.01 | 0.31 | 0.04 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.18 | < 0.05 | 0.97 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.2 | < 0.1 | 1.21 | < 0.1 |

| Client Sample ID | | | 0861_MW050_250502 | 0861_QC102_250429 | 0861_QC402_250429 | 0861_QC303_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011096 | B25-My0011097 | B25-My0011098 | B25-My0011099 |
| Date Sampled | | | May 02, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.13 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.18 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.90 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.15 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.19 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | [J-]108 | [J-]112 | 117 | 109 |
| 13C5-PFPeA (surr.) | 1 | % | [J-]137 | 59 | [J+]138 | 128 |
| 13C5-PFHxA (surr.) | 1 | % | [J-]127 | [J-]110 | 150 | 125 |
| 13C4-PFHpA (surr.) | 1 | % | [J-]124 | 55 | [J+]132 | 96 |
| 13C8-PFOA (surr.) | 1 | % | [J-]102 | 53 | 143 | 90 |
| 13C5-PFNA (surr.) | 1 | % | [J-]129 | 59 | [J+]138 | 84 |
| 13C6-PFDA (surr.) | 1 | % | [J-]110 | [J-]107 | [J+]123 | 111 |
| 13C2-PFUnDA (surr.) | 1 | % | [J-]117 | 51 | [J+]146 | 96 |
| 13C2-PFDoDA (surr.) | 1 | % | [J-]98 | 55 | [J+]113 | 95 |
| 13C2-PFTeDA (surr.) | 1 | % | [J-]86 | [J-]72 | 122 | 86 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 105 | 107 | 108 | 71 |

| Client Sample ID | | | 0861_MW050_250502 | 0861_QC102_250429 | 0861_QC402_250429 | 0861_QC303_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011096 | B25-My0011097 | B25-My0011098 | B25-My0011099 |
| Date Sampled | | | May 02, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 31 | 53 | 132 | 116 |
| D5-N-EtFOSA (surr.) | 1 | % | 27 | 45 | 125 | 114 |
| D7-N-MeFOSE (surr.) | 1 | % | 117 | 102 | 108 | 65 |
| D9-N-EtFOSE (surr.) | 1 | % | 61 | 115 | 123 | 72 |
| D5-N-EtFOSAA (surr.) | 1 | % | 77 | 96 | 133 | 90 |
| D3-N-MeFOSAA (surr.) | 1 | % | 99 | 86 | 133 | 95 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.02 | 0.69 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.02 | 0.38 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | 0.59 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 0.04 | 4.8 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | 0.34 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.12 | 3.5 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | [J-]90 | 57 | [J+]105 | 98 |
| 18O2-PFHxS (surr.) | 1 | % | [J-]110 | 102 | [J+]105 | 106 |
| 13C8-PFOS (surr.) | 1 | % | 107 | 101 | [J+]117 | 85 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | [J-]27 | [J-]71 | 70 | 85 |
| 13C2-6:2 FTSA (surr.) | 1 | % | [J-]64 | [J-]70 | 81 | 81 |
| 13C2-8:2 FTSA (surr.) | 1 | % | [J-]31 | [J-]79 | 136 | 64 |
| 13C2-10:2 FTSA (surr.) | 1 | % | [J-]69 | [J-]94 | 143 | 90 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.16 | 8.3 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.12 | 3.69 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.16 | 8.49 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.18 | 10.54 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.2 | 11.85 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW052_250428 | 0861_SW088_250428 | 0861_SW661_250428 | 0861_SW047_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011139 | B25-My0011140 | B25-My0011141 | B25-My0011142 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 28, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.04 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 85 | 104 | 59 | 57 |
| 13C5-PFPeA (surr.) | 1 | % | 95 | 114 | 65 | 67 |
| 13C5-PFHxA (surr.) | 1 | % | 76 | 91 | 52 | 50 |
| 13C4-PFHpA (surr.) | 1 | % | 76 | 92 | 51 | 133 |
| 13C8-PFOA (surr.) | 1 | % | 57 | 70 | 98 | 108 |
| 13C5-PFNA (surr.) | 1 | % | 50 | 61 | 86 | 101 |
| 13C6-PFDA (surr.) | 1 | % | 83 | 51 | 70 | 84 |
| 13C2-PFUnDA (surr.) | 1 | % | 67 | 54 | 62 | 79 |
| 13C2-PFDoDA (surr.) | 1 | % | 129 | 143 | 74 | 76 |
| 13C2-PFTeDA (surr.) | 1 | % | J+162 | J+213 | 82 | 95 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 70 | 95 | 94 | 121 |
| D3-N-MeFOSA (surr.) | 1 | % | J+228 | J+286 | 56 | 114 |
| D5-N-EtFOSA (surr.) | 1 | % | 60 | 51 | J-13 | 54 |
| D7-N-MeFOSE (surr.) | 1 | % | 90 | 144 | J-3.0 | J-14 |
| D9-N-EtFOSE (surr.) | 1 | % | 55 | J-28 | 51 | 57 |
| D5-N-EtFOSAA (surr.) | 1 | % | 59 | 66 | 92 | 84 |
| D3-N-MeFOSAA (surr.) | 1 | % | 62 | 75 | 123 | 125 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.14 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.43 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW052_250428 | 0861_SW088_250428 | 0861_SW661_250428 | 0861_SW047_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011139 | B25-My0011140 | B25-My0011141 | B25-My0011142 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 28, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 92 | 62 | 106 | 109 |
| 18O2-PFHxS (surr.) | 1 | % | 102 | 84 | 86 | 91 |
| 13C8-PFOS (surr.) | 1 | % | 82 | 96 | 51 | 52 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 106 | 125 | 76 | 67 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 106 | 125 | 76 | 67 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 67 | 63 | [J-]40 | 65 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 73 | 75 | 107 | 103 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.57 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.45 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.59 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | 0.68 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 0.68 | < 0.1 |

| Client Sample ID | | | 0861_SW021_250428 | 0861_SW049_250428 | 0861_SW099_250429 | 0861_SW100_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011143 | B25-My0011144 | B25-My0011146 | B25-My0011147 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.63 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.76 | 0.02 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 1.8 | 0.05 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.29 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.53 | 0.03 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | [J-]41 | 58 | 52 | 78 |
| 13C5-PFPeA (surr.) | 1 | % | [J-]39 | 68 | 61 | 89 |
| 13C5-PFHxA (surr.) | 1 | % | 148 | 52 | 139 | 68 |
| 13C4-PFHpA (surr.) | 1 | % | 122 | 57 | 119 | 71 |
| 13C8-PFOA (surr.) | 1 | % | 94 | 105 | 97 | 55 |
| 13C5-PFNA (surr.) | 1 | % | 88 | 92 | 83 | 86 |
| 13C6-PFDA (surr.) | 1 | % | 74 | 84 | 76 | 86 |

| Client Sample ID | | | 0861_SW021_250428 | 0861_SW049_250428 | 0861_SW099_250429 | 0861_SW100_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011143 | B25-My0011144 | B25-My0011146 | B25-My0011147 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 61 | 82 | 56 | 60 |
| 13C2-PFDoDA (surr.) | 1 | % | 71 | 102 | 65 | 109 |
| 13C2-PFTeDA (surr.) | 1 | % | 74 | J+156 | 73 | 124 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 103 | 53 | 86 | 67 |
| D3-N-MeFOSA (surr.) | 1 | % | 51 | J+191 | 89 | J+160 |
| D5-N-EtFOSA (surr.) | 1 | % | J-26 | 77 | J-10 | J-19 |
| D7-N-MeFOSE (surr.) | 1 | % | 110 | J-18 | N0914 | 116 |
| D9-N-EtFOSE (surr.) | 1 | % | 54 | 66 | N0916 | 65 |
| D5-N-EtFOSAA (surr.) | 1 | % | 100 | 109 | 87 | 54 |
| D3-N-MeFOSAA (surr.) | 1 | % | 105 | 54 | 100 | 60 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 1.1 | 0.03 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | 0.03 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | 0.25 | 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | 1.1 | 0.02 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | 5.7 | 0.17 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | 0.16 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | 7.1 | 0.51 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 67 | 96 | 82 | 87 |
| 18O2-PFHxS (surr.) | 1 | % | 73 | 77 | 78 | 77 |
| 13C8-PFOS (surr.) | 1 | % | 115 | 62 | 54 | 79 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 138 | 75 | 66 | 99 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 138 | 75 | 66 | 99 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 91 | 61 | 51 | 62 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 98 | 66 | 100 | 70 |

| Client Sample ID | | | 0861_SW021_250428 | 0861_SW049_250428 | 0861_SW099_250429 | 0861_SW100_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011143 | B25-My0011144 | B25-My0011146 | B25-My0011147 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 | Apr 29, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 12.8 | 0.68 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 7.63 | 0.54 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 13.33 | 0.71 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 17.91 | 0.81 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 19.5 | 0.84 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW658_250429 | 0861_SW051_250429 | 0861_SW096_250429 | 0861_QC302_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011149 | B25-My0011150 | B25-My0011151 | B25-My0011153 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 69 | 65 | 88 | 118 |
| 13C5-PFPeA (surr.) | 1 | % | 84 | 74 | 97 | 148 |
| 13C5-PFHxA (surr.) | 1 | % | 62 | 56 | 75 | 99 |
| 13C4-PFHpA (surr.) | 1 | % | 59 | 55 | 76 | 92 |
| 13C8-PFOA (surr.) | 1 | % | 98 | 116 | 58 | 62 |
| 13C5-PFNA (surr.) | 1 | % | < 1 | 100 | 51 | 61 |
| 13C6-PFDA (surr.) | 1 | % | 79 | 93 | 50 | 60 |
| 13C2-PFUnDA (surr.) | 1 | % | 62 | 76 | J-43 | 86 |
| 13C2-PFDoDA (surr.) | 1 | % | 90 | 96 | 145 | J+226 |
| 13C2-PFTeDA (surr.) | 1 | % | 134 | 88 | J+267 | J+250 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 56 | 55 | 79 | 67 |

| Client Sample ID | | | 0861_SW658_250429 | 0861_SW051_250429 | 0861_SW096_250429 | 0861_QC302_250428 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011149 | B25-My0011150 | B25-My0011151 | B25-My0011153 |
| Date Sampled | | | Apr 29, 2025 | Apr 29, 2025 | Apr 29, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | J+173 | 107 | J+383 | 81 |
| D5-N-EtFOSA (surr.) | 1 | % | 57 | J-13 | 58 | J-15 |
| D7-N-MeFOSE (surr.) | 1 | % | J-11 | 144 | N09 22 | 136 |
| D9-N-EtFOSE (surr.) | 1 | % | J-16 | 51 | N09 30 | N09 25 |
| D5-N-EtFOSAA (surr.) | 1 | % | 51 | 129 | 72 | 90 |
| D3-N-MeFOSAA (surr.) | 1 | % | 52 | 126 | 77 | 94 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS) N11 | 0.01 | ug/L | 0.02 | < 0.01 | 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS) N11 | 0.01 | ug/L | 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 96 | 108 | 52 | 70 |
| 18O2-PFHxS (surr.) | 1 | % | 86 | 78 | 53 | 64 |
| 13C8-PFOS (surr.) | 1 | % | 61 | 61 | 82 | 110 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 90 | 80 | 103 | 133 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 90 | 80 | 103 | 133 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 51 | 126 | 69 | 86 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 53 | 112 | 98 | 131 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.03 | < 0.01 | 0.02 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.01 | < 0.01 | 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.03 | < 0.01 | 0.02 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC103_250429 | 0861_QC104_250430 | 0861_QC105_250430 | 0861_SW020_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011154 | B25-My0011155 | B25-My0011156 | B25-My0011159 |
| Date Sampled | | | Apr 29, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.08 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.23 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.04 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.07 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 75 | 88 | 87 | 63 |
| 13C5-PFPeA (surr.) | 1 | % | 113 | 112 | 103 | 73 |
| 13C5-PFHxA (surr.) | 1 | % | 93 | 93 | 78 | 54 |
| 13C4-PFHpA (surr.) | 1 | % | 102 | 118 | 79 | 53 |
| 13C8-PFOA (surr.) | 1 | % | 126 | 145 | 60 | 88 |
| 13C5-PFNA (surr.) | 1 | % | 106 | 138 | 53 | 75 |
| 13C6-PFDA (surr.) | 1 | % | 80 | 94 | 66 | 68 |
| 13C2-PFUnDA (surr.) | 1 | % | 83 | 115 | 56 | 65 |
| 13C2-PFDoDA (surr.) | 1 | % | 87 | 100 | 136 | 80 |
| 13C2-PFTeDA (surr.) | 1 | % | 73 | 93 | [J+]198 | 100 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 78 | 84 | 81 | 79 |
| D3-N-MeFOSA (surr.) | 1 | % | 95 | 54 | [J+]266 | 55 |
| D5-N-EtFOSA (surr.) | 1 | % | 106 | 55 | 56 | [J-]20 |
| D7-N-MeFOSE (surr.) | 1 | % | 105 | 96 | [N09]22 | 127 |
| D9-N-EtFOSE (surr.) | 1 | % | 111 | 118 | [N09]25 | [N09]14 |
| D5-N-EtFOSAA (surr.) | 1 | % | 86 | 114 | 65 | 78 |
| D3-N-MeFOSAA (surr.) | 1 | % | 72 | 92 | 71 | 115 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.09 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.04 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.08 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.89 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.04 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | [N09]2.4 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_QC103_250429 | 0861_QC104_250430 | 0861_QC105_250430 | 0861_SW020_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011154 | B25-My0011155 | B25-My0011156 | B25-My0011159 |
| Date Sampled | | | Apr 29, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 94 | 98 | 52 | 76 |
| 18O2-PFHxS (surr.) | 1 | % | 131 | 123 | 52 | 76 |
| 13C8-PFOS (surr.) | 1 | % | 97 | 109 | 90 | 56 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.19 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 75 | 91 | 122 | 81 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 101 | 118 | 122 | 81 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 86 | 131 | 72 | 70 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 67 | 83 | 90 | 89 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 3.29 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 2.47 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 3.36 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 3.99 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 4.15 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW018_250430 | 0861_SW034_250430 | 0861_SW032_250430 | 0861_SW015_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011160 | B25-My0011161 | B25-My0011162 | B25-My0011163 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 67 | 99 | 75 | 70 |
| 13C5-PFPeA (surr.) | 1 | % | 73 | 112 | 91 | 78 |
| 13C5-PFHxA (surr.) | 1 | % | 60 | 87 | 65 | 63 |
| 13C4-PFHpA (surr.) | 1 | % | 56 | 94 | 66 | 63 |
| 13C8-PFOA (surr.) | 1 | % | 111 | 74 | 53 | 103 |
| 13C5-PFNA (surr.) | 1 | % | 99 | 68 | 96 | 97 |
| 13C6-PFDA (surr.) | 1 | % | 81 | 61 | 95 | 91 |

| Client Sample ID | | | 0861_SW018_250430 | 0861_SW034_250430 | 0861_SW032_250430 | 0861_SW015_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011160 | B25-My0011161 | B25-My0011162 | B25-My0011163 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 74 | 59 | 64 | 73 |
| 13C2-PFDoDA (surr.) | 1 | % | 118 | J+180 | 112 | 90 |
| 13C2-PFTeDA (surr.) | 1 | % | J+171 | J+357 | 133 | 102 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 59 | 102 | 70 | 58 |
| D3-N-MeFOSA (surr.) | 1 | % | J+280 | J+477 | J+209 | 125 |
| D5-N-EtFOSA (surr.) | 1 | % | 104 | 79 | 51 | J-16 |
| D7-N-MeFOSE (surr.) | 1 | % | 97 | J-26 | J-16 | J-13 |
| D9-N-EtFOSE (surr.) | 1 | % | N0928 | J-40 | J-18 | J-12 |
| D5-N-EtFOSAA (surr.) | 1 | % | 138 | 93 | 55 | 97 |
| D3-N-MeFOSAA (surr.) | 1 | % | 55 | 102 | 62 | 52 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 94 | 59 | 106 | 91 |
| 18O2-PFHxS (surr.) | 1 | % | 82 | 60 | 92 | 82 |
| 13C8-PFOS (surr.) | 1 | % | 64 | 108 | 75 | 68 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 83 | 136 | 102 | 95 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 83 | 136 | 102 | 95 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 60 | 87 | 57 | 51 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 67 | 126 | 73 | 66 |

| Client Sample ID | | | 0861_SW018_250430 | 0861_SW034_250430 | 0861_SW032_250430 | 0861_SW015_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011160 | B25-My0011161 | B25-My0011162 | B25-My0011163 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_SW016_250430 | 0861_SW023_250430 | 0861_SW005_250430 | 0861_SW022_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011164 | B25-My0011165 | B25-My0011166 | B25-My0011167 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.06 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.06 | < 0.01 | 0.03 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.25 | < 0.01 | 0.18 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.03 | < 0.01 | [N09]0.03 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.07 | < 0.01 | 0.04 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 112 | 107 | 119 | 135 |
| 13C5-PFPeA (surr.) | 1 | % | [J+]147 | 122 | 134 | 148 |
| 13C5-PFHxA (surr.) | 1 | % | 140 | 86 | 102 | 113 |
| 13C4-PFHpA (surr.) | 1 | % | [J+]143 | 103 | 110 | 139 |
| 13C8-PFOA (surr.) | 1 | % | 144 | 77 | 88 | 114 |
| 13C5-PFNA (surr.) | 1 | % | [J+]146 | 73 | 75 | 112 |
| 13C6-PFDA (surr.) | 1 | % | [J+]138 | 71 | 60 | 85 |
| 13C2-PFUnDA (surr.) | 1 | % | 146 | 54 | 52 | 86 |
| 13C2-PFDoDA (surr.) | 1 | % | 148 | [J+]164 | [J+]170 | [J+]306 |
| 13C2-PFTeDA (surr.) | 1 | % | 85 | [J+]220 | [J+]222 | [J+]344 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 126 | 106 | 107 | 141 |

| Client Sample ID | | | 0861_SW016_250430 | 0861_SW023_250430 | 0861_SW005_250430 | 0861_SW022_250430 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011164 | B25-My0011165 | B25-My0011166 | B25-My0011167 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 86 | J+293 | J+154 | J+433 |
| D5-N-EtFOSA (surr.) | 1 | % | 93 | J-41 | J-24 | 77 |
| D7-N-MeFOSE (surr.) | 1 | % | 84 | J-21 | J-26 | N09 39 |
| D9-N-EtFOSE (surr.) | 1 | % | 104 | J-21 | J-26 | 51 |
| D5-N-EtFOSAA (surr.) | 1 | % | 114 | 83 | 83 | 144 |
| D3-N-MeFOSAA (surr.) | 1 | % | 103 | 96 | 91 | 134 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | < 0.01 | 0.19 | < 0.01 | 0.08 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | < 0.01 | 0.10 | < 0.01 | 0.04 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | < 0.01 | 0.20 | < 0.01 | 0.07 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | < 0.01 | 2.3 | < 0.01 | 0.66 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | < 0.01 | 0.09 | < 0.01 | 0.03 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | < 0.01 | 3.7 | < 0.01 | 2.3 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | J+116 | 64 | 72 | 84 |
| 18O2-PFHxS (surr.) | 1 | % | J+112 | 67 | 68 | 82 |
| 13C8-PFOS (surr.) | 1 | % | J+123 | 141 | 111 | 145 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | 0.22 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 148 | 147 | 121 | J+180 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 113 | 147 | 121 | J+180 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 66 | 112 | 120 | 105 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 104 | 109 | 104 | J+203 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 6 | < 0.01 | 2.96 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 3.77 | < 0.01 | 2.34 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 6.07 | < 0.01 | 3 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 6.66 | < 0.05 | 3.54 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 7.06 | < 0.1 | 3.68 |

| Client Sample ID | | | 0861_SW004_250430 | 0861_SW028_250430 | 0861_SW530_250430 | 0861_QC304_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011168 | B25-My0011169 | B25-My0011170 | B25-My0011171 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.08 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.13 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.34 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | [N09]0.06 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | 0.01 | 0.10 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 109 | 51 | 53 | 77 |
| 13C5-PFPeA (surr.) | 1 | % | 120 | 53 | 66 | 90 |
| 13C5-PFHxA (surr.) | 1 | % | 99 | [J-]46 | [J-]43 | 62 |
| 13C4-PFHpA (surr.) | 1 | % | 105 | 56 | 52 | 56 |
| 13C8-PFOA (surr.) | 1 | % | 84 | 51 | 108 | 110 |
| 13C5-PFNA (surr.) | 1 | % | 74 | 53 | 85 | 110 |
| 13C6-PFDA (surr.) | 1 | % | 65 | 92 | 81 | 93 |
| 13C2-PFUnDA (surr.) | 1 | % | 60 | 82 | 65 | 98 |
| 13C2-PFDoDA (surr.) | 1 | % | [J+]201 | 115 | 87 | 136 |
| 13C2-PFTeDA (surr.) | 1 | % | [J+]250 | 134 | 104 | [J+]189 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 106 | 64 | 110 | 54 |
| D3-N-MeFOSA (surr.) | 1 | % | [J+]392 | [J+]169 | 67 | [J+]j |
| D5-N-EtFOSA (surr.) | 1 | % | 59 | 52 | [J-]20 | 67 |
| D7-N-MeFOSE (surr.) | 1 | % | [J-]28 | [J-]15 | [J-]10 | [J-]19 |
| D9-N-EtFOSE (surr.) | 1 | % | [J-]37 | [J-]20 | [J-]15 | [J-]22 |
| D5-N-EtFOSAA (surr.) | 1 | % | 95 | 55 | 109 | 59 |
| D3-N-MeFOSAA (surr.) | 1 | % | 109 | 66 | 54 | 69 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.14 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.16 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.15 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | 0.03 | 0.94 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.04 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | 0.04 | 1.5 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW004_250430 | 0861_SW028_250430 | 0861_SW530_250430 | 0861_QC304_250429 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011168 | B25-My0011169 | B25-My0011170 | B25-My0011171 |
| Date Sampled | | | Apr 30, 2025 | Apr 30, 2025 | Apr 30, 2025 | Apr 29, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 63 | 88 | 92 | 106 |
| 18O2-PFHxS (surr.) | 1 | % | 67 | 71 | 85 | 83 |
| 13C8-PFOS (surr.) | 1 | % | 110 | 69 | 134 | 76 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.12 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 143 | 76 | 70 | 75 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 143 | 76 | 70 | 75 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 118 | 95 | 62 | 54 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 127 | 86 | 61 | 84 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 0.07 | 2.44 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.05 | 1.6 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.08 | 2.54 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 0.08 | 3.42 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | 3.77 | < 0.1 |

| Client Sample ID | | | 0861_QC306_250430 | 0861_QC107_250501 | 0861_QC307_250501 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011172 | B25-My0011173 | B25-My0011174 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.07 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.10 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.22 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | 0.05 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.07 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 52 | 52 | [J-]41 |
| 13C5-PFPeA (surr.) | 1 | % | 73 | 61 | 50 |
| 13C5-PFHxA (surr.) | 1 | % | 51 | 138 | [J-]42 |
| 13C4-PFHpA (surr.) | 1 | % | 65 | 121 | [J-]42 |
| 13C8-PFOA (surr.) | 1 | % | 64 | 100 | 51 |
| 13C5-PFNA (surr.) | 1 | % | 77 | 76 | 54 |
| 13C6-PFDA (surr.) | 1 | % | 79 | 82 | 54 |

| Client Sample ID | | | 0861_QC306_250430 | 0861_QC107_250501 | 0861_QC307_250501 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011172 | B25-My0011173 | B25-My0011174 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 77 | 70 | J- 49 |
| 13C2-PFDoDA (surr.) | 1 | % | 85 | 75 | J- 44 |
| 13C2-PFTeDA (surr.) | 1 | % | 77 | 100 | J- 31 |
| **Perfluoroalkyl sulfonamido substances** | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 54 | 122 | 31 |
| D3-N-MeFOSA (surr.) | 1 | % | 51 | 118 | 36 |
| D5-N-EtFOSA (surr.) | 1 | % | 58 | J- 17 | 32 |
| D7-N-MeFOSE (surr.) | 1 | % | 49 | 51 | 21 |
| D9-N-EtFOSE (surr.) | 1 | % | 64 | 67 | 23 |
| D5-N-EtFOSAA (surr.) | 1 | % | 58 | 124 | 33 |
| D3-N-MeFOSAA (surr.) | 1 | % | 53 | 109 | 34 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.09 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.03 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | 0.08 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | 0.56 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | 0.02 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | 0.53 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 73 | 95 | 53 |
| 18O2-PFHxS (surr.) | 1 | % | 78 | 86 | 52 |
| 13C8-PFOS (surr.) | 1 | % | 77 | 54 | 51 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | J- 19 | 69 | J- 14 |
| 13C2-6:2 FTSA (surr.) | 1 | % | J- 22 | 69 | J- 20 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 60 | 54 | J- 39 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 53 | 135 | J- 31 |

| Client Sample ID | | | 0861_QC306_250430 | 0861_QC107_250501 | 0861_QC307_250501 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0011172 | B25-My0011173 | B25-My0011174 |
| Date Sampled | | | Apr 30, 2025 | May 01, 2025 | May 01, 2025 |
| Test/Reference | LOR | Unit | | | |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 1.09 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 0.6 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 1.16 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 1.69 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 1.82 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | May 06, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

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**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1215849
**Phone:** [redacted]
**Fax:**

**Received:** May 2, 2025 4:15 PM
**Due:** May 12, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_SW008_250430 | Apr 30, 2025 | | Water | B25-My0008026 | X |
| 2 | 0861_SW050_250501 | May 01, 2025 | | Water | B25-My0008029 | X |
| 3 | 0861_SW094_250501 | May 01, 2025 | | Water | B25-My0008030 | X |
| 4 | 0861_SW036_250501 | May 01, 2025 | | Water | B25-My0008031 | X |
| 5 | 0861_SW037_250501 | May 01, 2025 | | Water | B25-My0008032 | X |
| 6 | 0861_SW059_250501 | May 01, 2025 | | Water | B25-My0008033 | X |
| 7 | 0861_SW089_250502 | May 02, 2025 | | Water | B25-My0008035 | X |
| 8 | 0861_SW090_250502 | May 02, 2025 | | Water | B25-My0008036 | X |
| 9 | 0861_SW091_ | May 02, 2025 | | Water | B25-My0008037 | X |

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**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | 250502 | | | | | |
| 10 | 0861_SW656_250502 | May 02, 2025 | | Water | B25-My0008038 | X |
| 11 | 0861_SW033_250502 | May 02, 2025 | | Water | B25-My0008039 | X |
| 12 | 0861_QC108_250502 | May 02, 2025 | | Water | B25-My0008040 | X |
| 13 | 0861_QC310_250502 | May 02, 2025 | | Water | B25-My0008041 | X |
| 14 | 0861_QC501_250502 | May 02, 2025 | | Water | B25-My0011057 | X |
| 15 | 0861_QC405_250502 | May 02, 2025 | | Water | B25-My0011058 | X |
| 16 | 0861_QC308_250501 | May 01, 2025 | | Water | B25-My0011059 | X |
| 17 | 0861_QC404_250501 | May 01, 2025 | | Water | B25-My0011060 | X |
| 18 | 0861_QC309_250502 | May 02, 2025 | | Water | B25-My0011061 | X |
| 19 | 0861_MW043 | May 02, 2025 | | Water | B25-My0011062 | X |

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| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 19 | 0861_MW043_250502 | May 02, 2025 | | Water | B25-My0011062 | |
| 20 | 0861_MW042_250502 | May 02, 2025 | | Water | B25-My0011063 | X |
| 21 | 0861_QC403_250430 | Apr 30, 2025 | | Water | B25-My0011064 | X |
| 22 | 0861_QC305_250430 | Apr 30, 2025 | | Water | B25-My0011065 | X |
| 23 | 0861_QC106_250501 | May 01, 2025 | | Water | B25-My0011066 | X |
| 24 | 0861_MW002_250428 | Apr 28, 2025 | | Water | B25-My0011067 | X |
| 25 | 0861_MW031_250428 | Apr 28, 2025 | | Water | B25-My0011068 | X |
| 26 | 0861_MW030_250428 | Apr 28, 2025 | | Water | B25-My0011069 | X |
| 27 | 0861_MW034_250429 | Apr 29, 2025 | | Water | B25-My0011072 | X |
| 28 | 0861_MW028_250429 | Apr 29, 2025 | | Water | B25-My0011073 | X |

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| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 29 | 0861_MW041_250429 | Apr 29, 2025 | | Water | B25-My0011074 | X |
| 30 | 0861_MW029_250429 | Apr 29, 2025 | | Water | B25-My0011075 | X |
| 31 | 0861_MW044_250429 | Apr 29, 2025 | | Water | B25-My0011076 | X |
| 32 | 0861_MW036_250429 | Apr 29, 2025 | | Water | B25-My0011077 | X |
| 33 | 0861_QC101_250428 | Apr 28, 2025 | | Water | B25-My0011079 | X |
| 34 | 0861_QC401_250428 | Apr 29, 2025 | | Water | B25-My0011080 | X |
| 35 | 0861_QC301_250428 | Apr 30, 2025 | | Water | B25-My0011081 | X |
| 36 | 0861_MW033_250430 | Apr 30, 2025 | | Water | B25-My0011083 | X |
| 37 | 0861_MW022_250430 | Apr 30, 2025 | | Water | B25-My0011084 | X |
| 38 | 0861_MW049_250430 | Apr 30, 2025 | | Water | B25-My0011085 | X |

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| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 39 | 0861_MW048_250430 | Apr 30, 2025 | | Water | B25-My0011086 | X |
| 40 | 0861_MW021_250430 | Apr 30, 2025 | | Water | B25-My0011087 | X |
| 41 | 0861_MW037_250430 | Apr 30, 2025 | | Water | B25-My0011088 | X |
| 42 | 0861_MW538_250501 | May 01, 2025 | | Water | B25-My0011089 | X |
| 43 | 0861_MW055S_250501 | May 01, 2025 | | Water | B25-My0011090 | X |
| 44 | 0861_MW055D_250501 | May 01, 2025 | | Water | B25-My0011091 | X |
| 45 | 0861_MW024_250501 | May 01, 2025 | | Water | B25-My0011092 | X |
| 46 | 0861_MW035_250501 | May 01, 2025 | | Water | B25-My0011093 | X |
| 47 | 0861_MW537_250501 | May 01, 2025 | | Water | B25-My0011094 | X |
| 48 | 0861_MW026_250501 | May 01, 2025 | | Water | B25-My0011095 | X |

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| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 49 | 0861_MW050_250502 | May 02, 2025 | | Water | B25-My0011096 | X |
| 50 | 0861_QC102_250429 | Apr 29, 2025 | | Water | B25-My0011097 | X |
| 51 | 0861_QC402_250429 | Apr 29, 2025 | | Water | B25-My0011098 | X |
| 52 | 0861_QC303_250429 | Apr 29, 2025 | | Water | B25-My0011099 | X |
| 53 | 0861_SW052_250428 | Apr 28, 2025 | | Water | B25-My0011139 | X |
| 54 | 0861_SW088_250428 | Apr 28, 2025 | | Water | B25-My0011140 | X |
| 55 | 0861_SW661_250428 | Apr 28, 2025 | | Water | B25-My0011141 | X |
| 56 | 0861_SW047_250428 | Apr 28, 2025 | | Water | B25-My0011142 | X |
| 57 | 0861_SW021_250428 | Apr 28, 2025 | | Water | B25-My0011143 | X |
| 58 | 0861_SW049_250428 | Apr 28, 2025 | | Water | B25-My0011144 | X |

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| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 59 | 0861_SW099_250429 | Apr 29, 2025 | | Water | B25-My0011146 | X |
| 60 | 0861_SW100_250429 | Apr 29, 2025 | | Water | B25-My0011147 | X |
| 61 | 0861_SW658_250429 | Apr 29, 2025 | | Water | B25-My0011149 | X |
| 62 | 0861_SW051_250429 | Apr 29, 2025 | | Water | B25-My0011150 | X |
| 63 | 0861_SW096_250429 | Apr 29, 2025 | | Water | B25-My0011151 | X |
| 64 | 0861_QC302_250428 | Apr 28, 2025 | | Water | B25-My0011153 | X |
| 65 | 0861_QC103_250429 | Apr 29, 2025 | | Water | B25-My0011154 | X |
| 66 | 0861_QC104_250430 | Apr 30, 2025 | | Water | B25-My0011155 | X |
| 67 | 0861_QC105_250430 | Apr 30, 2025 | | Water | B25-My0011156 | X |
| 68 | 0861_SW020_250430 | Apr 30, 2025 | | Water | B25-My0011159 | X |

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**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 69 | 0861_SW018_250430 | Apr 30, 2025 | | Water | B25-My0011160 | X |
| 70 | 0861_SW034_250430 | Apr 30, 2025 | | Water | B25-My0011161 | X |
| 71 | 0861_SW032_250430 | Apr 30, 2025 | | Water | B25-My0011162 | X |
| 72 | 0861_SW015_250430 | Apr 30, 2025 | | Water | B25-My0011163 | X |
| 73 | 0861_SW016_250430 | Apr 30, 2025 | | Water | B25-My0011164 | X |
| 74 | 0861_SW023_250430 | Apr 30, 2025 | | Water | B25-My0011165 | X |
| 75 | 0861_SW005_250430 | Apr 30, 2025 | | Water | B25-My0011166 | X |
| 76 | 0861_SW022_250430 | Apr 30, 2025 | | Water | B25-My0011167 | X |
| 77 | 0861_SW004_250430 | Apr 30, 2025 | | Water | B25-My0011168 | X |
| 78 | 0861_SW028_250430 | Apr 30, 2025 | | Water | B25-My0011169 | X |

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**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 79 | 0861_SW530_250430 | Apr 30, 2025 | | Water | B25-My0011170 | X |
| 80 | 0861_QC304_250429 | Apr 29, 2025 | | Water | B25-My0011171 | X |
| 81 | 0861_QC306_250430 | Apr 30, 2025 | | Water | B25-My0011172 | X |
| 82 | 0861_QC107_250501 | May 01, 2025 | | Water | B25-My0011173 | X |
| 83 | 0861_QC307_250501 | May 01, 2025 | | Water | B25-My0011174 | X |
| **Test Counts** | | | | | | 83 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 139 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 117 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 51 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 122 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 75 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 55 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 72 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 52 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 86 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 51 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 73 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 58 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 55 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 88 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 60 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 82 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 54 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 128 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 78 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 121 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 113 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 87 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 85 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 84 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 62 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 89 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 130 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 69 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 55 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 101 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 109 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 101 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 104 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 103 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 96 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 95 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 112 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 115 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 108 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorooctane sulfonamide (FOSA) | % | 91 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 98 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 91 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 99 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 80 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 107 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 90 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 83 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 98 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 111 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 93 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 69 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 101 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 114 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 92 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 126 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 95 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 106 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 83 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 93 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 84 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 96 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 83 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 92 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 98 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 90 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 102 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 89 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 77 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 77 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 96 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 53 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 96 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 104 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 82 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 75 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 98 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 72 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorooctanesulfonic acid (PFOS) | % | 95 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 82 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 107 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 80 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 100 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 84 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 111 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 125 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 104 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 118 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 117 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 105 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 112 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 90 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 111 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 66 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 72 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 106 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 112 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 62 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 105 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 89 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 81 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 67 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 100 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 101 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 107 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 84 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 77 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 96 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 121 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 150 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 106 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 86 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 92 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 117 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 103 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 94 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 108 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 106 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluoroundecanoic acid (PFUnDA) | % | 103 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 102 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 116 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 106 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 107 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 110 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 91 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 98 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 83 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 107 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 100 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 90 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 102 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 88 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 78 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 87 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 80 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 103 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 108 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 65 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 144 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 100 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 91 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 91 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 99 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 94 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 92 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 94 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 112 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 93 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 107 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 86 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 105 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 97 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 90 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 92 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 90 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 91 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorobutanesulfonic acid (PFBS) | % | 92 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 86 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 114 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 92 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 75 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 94 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 76 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 107 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 90 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 104 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 110 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 119 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 112 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 126 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 128 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 113 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 116 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 135 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 106 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 121 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 128 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 118 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 106 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 60 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 78 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 122 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 129 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 100 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 103 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 126 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 103 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 113 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 87 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 118 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 112 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 130 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 111 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 120 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 134 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorobutanoic acid (PFBA) | % | 90 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 90 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 92 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 89 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 105 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 116 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 91 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 101 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 118 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 89 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 113 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 112 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 108 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 84 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 58 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 67 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 103 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 113 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 85 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 76 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 94 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 83 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 92 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 72 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 98 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 93 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 117 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 101 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 92 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 111 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011065 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011065 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011065 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011065 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011065 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011065 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011065 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011065 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011065 | CP | % | 121 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011065 | CP | % | 136 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011065 | CP | % | 127 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011065 | CP | % | 93 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011065 | CP | % | 108 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011065 | CP | % | 102 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011065 | CP | % | 132 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011065 | CP | % | 88 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011065 | CP | % | 113 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011065 | CP | % | 96 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011065 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011065 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011065 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011065 | CP | % | 77 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011065 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011065 | CP | % | 73 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011065 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011065 | CP | % | 117 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011065 | CP | % | 118 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011065 | CP | % | 100 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011065 | CP | % | 113 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011065 | CP | % | 92 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011074 | CP | % | 85 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011074 | CP | % | 147 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011074 | CP | % | 85 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011074 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011074 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011074 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011074 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011074 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011074 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011074 | CP | % | 96 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011074 | CP | % | 106 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011074 | CP | % | 96 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011074 | CP | % | 81 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011074 | CP | % | 72 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011074 | CP | % | 22 | | | 50-150 | Fail | Q08 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011074 | CP | % | 34 | | | 50-150 | Fail | Q08 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011074 | CP | % | 99 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011074 | CP | % | 105 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011074 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011074 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011074 | CP | % | 131 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011074 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011074 | CP | % | 112 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011074 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011074 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011074 | CP | % | 75 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011074 | CP | % | 106 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011074 | CP | % | 120 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011074 | CP | % | 117 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011074 | CP | % | 100 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011093 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011093 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011093 | CP | % | 125 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011093 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011093 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011093 | CP | % | 128 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011093 | CP | % | 121 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011093 | CP | % | 111 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorododecanoic acid (PFDoDA) | B25-My0011093 | CP | % | 81 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011093 | CP | % | 149 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011093 | CP | % | 130 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011093 | CP | % | 103 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011093 | CP | % | 89 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011093 | CP | % | 91 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011093 | CP | % | 84 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011093 | CP | % | 80 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011093 | CP | % | 105 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011093 | CP | % | 85 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011093 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011093 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011093 | CP | % | 90 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011093 | CP | % | 75 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011093 | CP | % | 122 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011093 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011093 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011093 | CP | % | 110 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011093 | CP | % | 77 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011093 | CP | % | 140 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011093 | CP | % | 223 | | | 50-150 | Fail | Q08 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011093 | CP | % | 133 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011149 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011149 | CP | % | 76 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011149 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011149 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011149 | CP | % | 114 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011149 | CP | % | 115 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorodecanoic acid (PFDA) | B25-My0011149 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011149 | CP | % | 119 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011149 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011149 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011149 | CP | % | 102 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011149 | CP | % | 104 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011149 | CP | % | 78 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011149 | CP | % | 78 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011149 | CP | % | 37 | | | 50-150 | Fail | Q08 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011149 | CP | % | 46 | | | 50-150 | Fail | Q08 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011149 | CP | % | 86 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011149 | CP | % | 117 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011149 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011149 | CP | % | 76 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011149 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011149 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011149 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011149 | CP | % | 75 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011149 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011149 | CP | % | 65 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011149 | CP | % | 119 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011149 | CP | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011149 | CP | % | 105 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011149 | CP | % | 100 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011155 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011155 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011155 | CP | % | 139 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011155 | CP | % | 97 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorooctanoic acid (PFOA) | B25-My0011155 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011155 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011155 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011155 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011155 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011155 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011155 | CP | % | 94 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011155 | CP | % | 90 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011155 | CP | % | 81 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011155 | CP | % | 74 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011155 | CP | % | 103 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011155 | CP | % | 71 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011155 | CP | % | 91 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011155 | CP | % | 81 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011155 | CP | % | 72 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011155 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011155 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011155 | CP | % | 70 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011155 | CP | % | 72 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011155 | CP | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011155 | CP | % | 50 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011155 | CP | % | 87 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011155 | CP | % | 88 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011155 | CP | % | 146 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011155 | CP | % | 82 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011155 | CP | % | 107 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011168 | CP | % | 81 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011168 | CP | % | 62 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanoic acid (PFHxA) | B25-My0011168 | CP | % | 90 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011168 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011168 | CP | % | 87 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011168 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011168 | CP | % | 86 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011168 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011168 | CP | % | 102 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011168 | CP | % | 80 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011168 | CP | % | 94 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011168 | CP | % | 109 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011168 | CP | % | 76 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011168 | CP | % | 76 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011168 | CP | % | 31 | | | 50-150 | Fail | Q08 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011168 | CP | % | 45 | | | 50-150 | Fail | Q08 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011168 | CP | % | 80 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011168 | CP | % | 88 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011168 | CP | % | 76 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011168 | CP | % | 70 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011168 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011168 | CP | % | 83 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011168 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011168 | CP | % | 74 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011168 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011168 | CP | % | 60 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011168 | CP | % | 118 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011168 | CP | % | 115 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011168 | CP | % | 94 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011168 | CP | % | 79 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0008026 | CP | ug/L | 0.22 | 0.16 | 29 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0008026 | CP | ug/L | 0.11 | 0.10 | 2.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0008026 | CP | ug/L | 0.36 | 0.37 | 1.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0008026 | CP | ug/L | 0.01 | 0.02 | 20 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0008026 | CP | ug/L | 0.47 | 0.35 | 29 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0008026 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0008026 | CP | ug/L | 0.58 | 0.44 | 27 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0008026 | CP | ug/L | 0.07 | 0.05 | 26 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0008026 | CP | ug/L | 0.40 | 0.32 | 21 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0008026 | CP | ug/L | 2.0 | 1.6 | 20 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0008026 | CP | ug/L | 0.10 | 0.09 | 11 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0008026 | CP | ug/L | 2.7 | 3.3 | 20 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0008026 | CP | ug/L | 0.08 | 0.07 | 17 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0008026 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0008038 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0008038 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0008040 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0008040 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011063 | CP | ug/L | 0.02 | 0.02 | 1.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011063 | CP | ug/L | 0.03 | 0.03 | 5.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011063 | CP | ug/L | 0.01 | 0.01 | 1.0 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011063 | CP | ug/L | 0.02 | 0.03 | 14 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011063 | CP | ug/L | 0.01 | 0.01 | 6.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011063 | CP | ug/L | 0.05 | 0.05 | 4.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011063 | CP | ug/L | 0.02 | 0.02 | 2.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011063 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011063 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011075 | CP | ug/L | 0.15 | 0.15 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011075 | CP | ug/L | 0.19 | 0.20 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011075 | CP | ug/L | 0.94 | 0.91 | 3.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011075 | CP | ug/L | 0.14 | 0.15 | 2.0 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011075 | CP | ug/L | 0.26 | 0.25 | 6.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011075 | CP | ug/L | 0.71 | 0.70 | 1.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011075 | CP | ug/L | 0.49 | 0.46 | 7.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011075 | CP | ug/L | 0.71 | 0.68 | 5.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011075 | CP | ug/L | 5.2 | 5.2 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011075 | CP | ug/L | 0.24 | 0.26 | 8.0 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011075 | CP | ug/L | 3.7 | 4.0 | 10 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011075 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011075 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011084 | CP | ug/L | 0.03 | 0.03 | 4.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011084 | CP | ug/L | 0.03 | 0.03 | 14 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011084 | CP | ug/L | 0.01 | 0.01 | 5.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011084 | CP | ug/L | 0.03 | 0.03 | 7.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011084 | CP | ug/L | 0.22 | 0.23 | 7.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011084 | CP | ug/L | 0.04 | 0.04 | 15 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011084 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011084 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011095 | CP | ug/L | 0.04 | 0.04 | 1.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011095 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011095 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011143 | CP | ug/L | 0.63 | 0.64 | 2.0 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011143 | CP | ug/L | 0.76 | 0.68 | 12 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011143 | CP | ug/L | 1.8 | 2.0 | 6.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011143 | CP | ug/L | 0.29 | 0.28 | 5.0 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011143 | CP | ug/L | 0.53 | 0.51 | 4.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011143 | CP | ug/L | 0.04 | 0.05 | 10 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011143 | CP | ug/L | 1.1 | 0.97 | 13 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011143 | CP | ug/L | 0.03 | 0.04 | 19 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011143 | CP | ug/L | 0.25 | 0.19 | 28 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011143 | CP | ug/L | 1.1 | 0.79 | 29 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011143 | CP | ug/L | 5.7 | 5.4 | 6.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011143 | CP | ug/L | 0.16 | 0.15 | 10 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011143 | CP | ug/L | 7.1 | 7.6 | 8.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011143 | CP | ug/L | 0.01 | 0.02 | 21 | 30% | Pass | |

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|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011143 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011143 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011154 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011154 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011167 | CP | ug/L | 0.03 | 0.03 | 19 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011167 | CP | ug/L | 0.18 | 0.19 | 4.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011167 | CP | ug/L | 0.03 | 0.03 | 19 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011167 | CP | ug/L | 0.04 | 0.06 | 28 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011167 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011167 | CP | ug/L | 0.08 | 0.09 | 13 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011167 | CP | ug/L | 0.04 | 0.05 | 20 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011167 | CP | ug/L | 0.07 | 0.09 | 24 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011167 | CP | ug/L | 0.66 | 0.81 | 20 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011167 | CP | ug/L | 0.03 | 0.04 | 22 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011167 | CP | ug/L | 2.3 | 2.2 | 4.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

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| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011167 | CP | ug/L | 0.22 | 0.25 | 14 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011167 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011172 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011172 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0011173 | CP | ug/L | 0.07 | 0.07 | 1.0 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0011173 | CP | ug/L | 0.10 | 0.10 | 1.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0011173 | CP | ug/L | 0.22 | 0.23 | 2.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0011173 | CP | ug/L | 0.05 | 0.06 | 23 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0011173 | CP | ug/L | 0.07 | 0.07 | 6.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0011173 | CP | ug/L | 0.09 | 0.11 | 23 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0011173 | CP | ug/L | 0.03 | 0.04 | 18 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0011173 | CP | ug/L | 0.08 | 0.10 | 21 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0011173 | CP | ug/L | 0.56 | 0.62 | 12 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0011173 | CP | ug/L | 0.02 | 0.02 | 18 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0011173 | CP | ug/L | 0.53 | 0.54 | 2.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0011173 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0011173 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q08 | The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference. |
| Q15 | The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report. |

### Authorised by:

[redacted] Analytical Services Manager

[redacted] Senior Analyst-PFAS

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Surface Water

# Chain of Custody 1279 88

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT TO: [redacted]
SEND INVOICE TO [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | HOLD | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 0861_SW080_250506 | Water | 6/5/25 | | 1x bottle | | X | | | | |
| 0861_SW079_250506 | | 6/5/25 | | | | | | | | |
| 0861_SW041_250506 | | | | | | | | | | |
| 0861_SW067_250506 | | | | | | | | | | |
| 0861_SW064_250506 | | | | | | | | | | |
| 0861_SW053_250506 | | | | | | | | | | |
| 0861_SW003_250506 | | | | | | | | | | |
| 0861_SW027_250506 | | | | | | | | | | |
| 0861_SW048_250506 | | | | | | | | | | |
| 0861_SW030_250507 | | 7/5/25 | | | | | | | | |
| 0861_SW002_250507 | | | | | | | | | | |
| 0861_SW076_250507 | | | | | | | | | | |
| 0861_SW056_250507 | | | | | | | | | | |
| 0861_SW009_250507 | | | | | | | | | | |
| 0861_QC312_250506 | | 6/5/25 | | | | | | | | |
| 0861_QC111_250507 | | 7/5/25 | | | | | | | | |
| 0861_SW011_250507 | | | | | | | | | | |
| 0861_SW570_250506 | | 6/5/25 | | | | | X | | | |

Date/Time: 9/5/25 3:50PM
Chilled: Yes / No
Temp:
Correction: 2.1°C
Final Temp: [redacted]

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025<br>OF: JBS | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: Sydney [redacted]
SEND REPORT & I [redacted]
SEND INVOICE TO [redacted]
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Pls fwd to Envirolab

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC211_250507 | Water | 7/5/25 | | 1x bottle | | X | | | |
| ~~0861_QC _25~~ | | | | | | | | | |
| ~~0861_QC _25~~ | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1217988-W**
Project name DOD AMBERLEY OMP 2025
Project ID QLD_0861_PFASOMP_25
Received Date May 09, 2025

| Client Sample ID | | | 0861_SW080_250506 | 0861_SW079_250506 | 0861_SW041_250506 | 0861_SW067_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026298 | B25-My0026299 | B25-My0026300 | B25-My0026301 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.24 | 0.33 | 0.30 | 0.44 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.38 | 0.52 | 0.45 | 0.37 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 1.5 | 2.1 | 1.8 | 1.5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.22 | 0.29 | 0.28 | 0.14 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.53 | [N09]0.65 | [N09]0.51 | [N09]0.24 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | 0.01 | 0.01 | 0.04 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | 0.02 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 52 | 62 | 87 | 68 |
| 13C5-PFPeA (surr.) | 1 | % | 50 | 50 | 70 | 57 |
| 13C5-PFHxA (surr.) | 1 | % | 135 | 103 | 126 | 120 |
| 13C4-PFHpA (surr.) | 1 | % | 50 | 59 | 85 | 74 |
| 13C8-PFOA (surr.) | 1 | % | 149 | 124 | 67 | 74 |
| 13C5-PFNA (surr.) | 1 | % | 143 | 57 | 86 | 95 |
| 13C6-PFDA (surr.) | 1 | % | 115 | 110 | 103 | 64 |
| 13C2-PFUnDA (surr.) | 1 | % | 146 | 52 | 73 | 90 |
| 13C2-PFDoDA (surr.) | 1 | % | 79 | 97 | 67 | 50 |
| 13C2-PFTeDA (surr.) | 1 | % | 141 | 56 | 86 | 61 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 114 | 82 | 66 | 61 |
| D3-N-MeFOSA (surr.) | 1 | % | 122 | 94 | 73 | 62 |

| Client Sample ID | | | 0861_SW080_250506 | 0861_SW079_250506 | 0861_SW041_250506 | 0861_SW067_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026298 | B25-My0026299 | B25-My0026300 | B25-My0026301 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 108 | 77 | 66 | 75 |
| D7-N-MeFOSE (surr.) | 1 | % | 120 | 90 | 111 | 91 |
| D9-N-EtFOSE (surr.) | 1 | % | 68 | 76 | 133 | 119 |
| D5-N-EtFOSAA (surr.) | 1 | % | 64 | 88 | 146 | 143 |
| D3-N-MeFOSAA (surr.) | 1 | % | 98 | 112 | 56 | 63 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 1.2 | 1.3 | 1.3 | 0.65 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.58 | 0.63 | 0.70 | 0.24 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]1.2 | [N09]1.3 | [N09]1.3 | [N09]0.87 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]11 | [N09]11 | [N09]11 | [N09]6.7 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.61 | [N09]0.54 | [N09]0.51 | [N09]0.19 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]12 | 9.9 | [N09]6.8 | 4.7 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 146 | 137 | 149 | 59 |
| 18O2-PFHxS (surr.) | 1 | % | 117 | 107 | 112 | 143 |
| 13C8-PFOS (surr.) | 1 | % | 136 | 113 | 137 | 149 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 81 | 87 | 138 | 104 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 81 | 87 | 138 | 104 |
| 13C2-8:2 FTSA (surr.) | 1 | % | [J-]25 | [J-]41 | 63 | 94 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 69 | [J-]33 | 50 | 103 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 23 | 20.9 | 17.8 | 11.4 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 12.53 | 10.55 | 7.31 | 4.94 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 23.53 | 21.55 | 18.31 | 11.64 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 27.09 | 26.09 | 22.44 | 14.74 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 29.48 | 28.57 | 24.96 | 16.1 |

| Client Sample ID | | | 0861_SW064_250506 | 0861_SW053_250506 | 0861_SW003_250506 | 0861_SW027_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026302 | B25-My0026303 | B25-My0026304 | B25-My0026305 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | 0.22 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.57 | 0.07 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.10 | < 0.01 | 0.91 | 0.36 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | 0.20 | 0.04 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.03 | < 0.01 | 0.24 | 0.08 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 75 | 128 | 69 | 88 |
| 13C5-PFPeA (surr.) | 1 | % | 58 | 120 | 71 | 83 |
| 13C5-PFHxA (surr.) | 1 | % | 125 | 84 | 68 | 73 |
| 13C4-PFHpA (surr.) | 1 | % | 80 | 139 | 103 | 93 |
| 13C8-PFOA (surr.) | 1 | % | 93 | 142 | 98 | 89 |
| 13C5-PFNA (surr.) | 1 | % | 97 | 125 | 112 | 92 |
| 13C6-PFDA (surr.) | 1 | % | 59 | 85 | 90 | 82 |
| 13C2-PFUnDA (surr.) | 1 | % | 73 | 100 | 109 | 80 |
| 13C2-PFDoDA (surr.) | 1 | % | 73 | 58 | 90 | 72 |
| 13C2-PFTeDA (surr.) | 1 | % | 65 | 123 | 112 | 137 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 58 | 98 | 122 | 97 |
| D3-N-MeFOSA (surr.) | 1 | % | 61 | 84 | 132 | 136 |
| D5-N-EtFOSA (surr.) | 1 | % | 59 | 74 | 246 | 121 |
| D7-N-MeFOSE (surr.) | 1 | % | 109 | [J+]151 | 121 | 93 |
| D9-N-EtFOSE (surr.) | 1 | % | 125 | [J+]192 | 101 | 72 |
| D5-N-EtFOSAA (surr.) | 1 | % | 128 | [J+]183 | 160 | 107 |
| D3-N-MeFOSAA (surr.) | 1 | % | 52 | 73 | 128 | 88 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.08 | < 0.01 | 0.34 | 0.15 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.03 | < 0.01 | 0.09 | 0.06 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.08 | < 0.01 | 0.31 | 0.20 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.84 | [N09]0.03 | 2.3 | 1.7 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.02 | < 0.01 | 0.06 | 0.07 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.51 | 0.03 | 1.2 | 3.6 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_SW064_250506 | 0861_SW053_250506 | 0861_SW003_250506 | 0861_SW027_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026302 | B25-My0026303 | B25-My0026304 | B25-My0026305 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 78 | 110 | 84 | 85 |
| 18O2-PFHxS (surr.) | 1 | % | 61 | 111 | 60 | 64 |
| 13C8-PFOS (surr.) | 1 | % | 75 | 125 | 67 | 60 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 112 | [J+]182 | 114 | 94 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 112 | [J+]182 | 63 | 59 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 78 | 89 | 62 | 58 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 67 | 69 | 96 | 60 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.35 | 0.06 | 3.5 | 5.3 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.54 | 0.03 | 1.44 | 3.68 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.38 | 0.06 | 3.74 | 5.38 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.57 | 0.06 | 5.98 | 6 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.7 | < 0.1 | 6.45 | 6.33 |

| Client Sample ID | | | 0861_SW048_250506 | 0861_SW030_250507 | 0861_SW002_250507 | 0861_SW076_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026306 | B25-My0026307 | B25-My0026308 | B25-My0026309 |
| Date Sampled | | | May 06, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.09 | 0.16 | 0.29 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.03 | 0.20 | 0.33 | 0.62 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.15 | 0.29 | 0.37 | 1.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.02 | 0.07 | 0.14 | 0.27 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.05 | [N09]0.07 | 0.14 | [N09]0.45 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | 0.03 | 0.03 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 109 | 121 | 80 | 63 |
| 13C5-PFPeA (surr.) | 1 | % | 113 | 107 | 84 | 54 |
| 13C5-PFHxA (surr.) | 1 | % | 68 | 77 | 83 | 121 |
| 13C4-PFHpA (surr.) | 1 | % | 104 | 140 | 97 | 63 |
| 13C8-PFOA (surr.) | 1 | % | 99 | 147 | 97 | 56 |
| 13C5-PFNA (surr.) | 1 | % | 95 | 147 | 97 | 60 |
| 13C6-PFDA (surr.) | 1 | % | 66 | 90 | 90 | 114 |

| Client Sample ID | | | 0861_SW048_250506 | 0861_SW030_250507 | 0861_SW002_250507 | 0861_SW076_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026306 | B25-My0026307 | B25-My0026308 | B25-My0026309 |
| Date Sampled | | | May 06, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 76 | 110 | 93 | 131 |
| 13C2-PFDoDA (surr.) | 1 | % | 63 | J+64 | 75 | 80 |
| 13C2-PFTeDA (surr.) | 1 | % | 94 | 143 | 174 | 59 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)N11 | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 67 | J+107 | 100 | 85 |
| D3-N-MeFOSA (surr.) | 1 | % | 60 | J+106 | 165 | J-18 |
| D5-N-EtFOSA (surr.) | 1 | % | 96 | J+93 | 181 | J-18 |
| D7-N-MeFOSE (surr.) | 1 | % | 118 | J+163 | 111 | J-33 |
| D9-N-EtFOSE (surr.) | 1 | % | 134 | J+204 | 87 | 54 |
| D5-N-EtFOSAA (surr.) | 1 | % | 148 | J+222 | 122 | 88 |
| D3-N-MeFOSAA (surr.) | 1 | % | 58 | J+85 | 126 | 88 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)N11 | 0.01 | ug/L | 0.04 | 0.10 | 0.12 | 0.56 |
| Perfluorononanesulfonic acid (PFNS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)N15 | 0.01 | ug/L | 0.02 | 0.06 | 0.04 | 0.20 |
| Perfluoropentanesulfonic acid (PFPeS)N15 | 0.01 | ug/L | N090.03 | N090.09 | 0.12 | N090.53 |
| Perfluorohexanesulfonic acid (PFHxS)N11 | 0.01 | ug/L | N090.25 | N091.1 | 0.75 | N093.4 |
| Perfluoroheptanesulfonic acid (PFHpS)N15 | 0.01 | ug/L | N090.02 | N090.05 | 0.02 | N090.13 |
| Perfluorooctanesulfonic acid (PFOS)N11 | 0.01 | ug/L | N090.56 | N091.9 | 1.0 | 3.2 |
| Perfluorodecanesulfonic acid (PFDS)N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 81 | 102 | 84 | 147 |
| 18O2-PFHxS (surr.) | 1 | % | 77 | 95 | 97 | 137 |
| 13C8-PFOS (surr.) | 1 | % | 89 | 134 | 91 | 132 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)N11 | 0.05 | ug/L | < 0.05 | 0.05 | < 0.05 | 0.08 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 103 | 129 | 228 | 95 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 117 | J+143 | 260 | 95 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 80 | 105 | 202 | 67 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 58 | J+80 | 91 | 61 |

| Client Sample ID | | | 0861_SW048_250506 | 0861_SW030_250507 | 0861_SW002_250507 | 0861_SW076_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026306 | B25-My0026307 | B25-My0026308 | B25-My0026309 |
| Date Sampled | | | May 06, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.81 | 3 | 1.75 | 6.6 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.61 | 1.97 | 1.14 | 3.65 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.86 | 3.07 | 1.89 | 7.05 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 1.1 | 3.87 | 3.01 | 10.07 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 1.22 | 4.07 | 3.22 | 10.96 |

| Client Sample ID | | | 0861_SW056_250507 | 0861_SW009_250507 | 0861_QC312_250506 | [G01]0861_QC111_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026310 | B25-My0026311 | B25-My0026312 | B25-My0026313 |
| Date Sampled | | | May 07, 2025 | May 07, 2025 | May 06, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.27 | < 0.05 | < 0.05 | 0.09 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 0.68 | < 0.01 | < 0.01 | 0.21 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.97 | < 0.01 | < 0.01 | 0.28 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | 0.26 | < 0.01 | < 0.01 | 0.07 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | 0.38 | < 0.01 | < 0.01 | 0.07 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 78 | 61 | 104 | 73 |
| 13C5-PFPeA (surr.) | 1 | % | 76 | 58 | 100 | 83 |
| 13C5-PFHxA (surr.) | 1 | % | 92 | [J-]40 | 64 | 81 |
| 13C4-PFHpA (surr.) | 1 | % | 92 | 54 | 87 | 95 |
| 13C8-PFOA (surr.) | 1 | % | 82 | 50 | 84 | 94 |
| 13C5-PFNA (surr.) | 1 | % | 90 | 52 | 80 | 89 |
| 13C6-PFDA (surr.) | 1 | % | 75 | [J-]33 | 68 | 75 |
| 13C2-PFUnDA (surr.) | 1 | % | 81 | [J-]38 | 86 | 75 |
| 13C2-PFDoDA (surr.) | 1 | % | 68 | [J-]23 | 82 | 69 |
| 13C2-PFTeDA (surr.) | 1 | % | 51 | 52 | 107 | 96 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 87 | [J-]37 | 62 | 62 |

| Client Sample ID | | | 0861_SW056_250507 | 0861_SW009_250507 | 0861_QC312_250506 | [G01]0861_QC111_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026310 | B25-My0026311 | B25-My0026312 | B25-My0026313 |
| Date Sampled | | | May 07, 2025 | May 07, 2025 | May 06, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 158 | [J-]37 | 94 | 140 |
| D5-N-EtFOSA (surr.) | 1 | % | 173 | [J-]35 | 90 | 118 |
| D7-N-MeFOSE (surr.) | 1 | % | 86 | 63 | 130 | 68 |
| D9-N-EtFOSE (surr.) | 1 | % | 84 | 74 | 137 | 52 |
| D5-N-EtFOSAA (surr.) | 1 | % | 108 | 70 | 144 | 58 |
| D3-N-MeFOSAA (surr.) | 1 | % | 95 | [J-]30 | 59 | 62 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.52 | < 0.01 | < 0.01 | 0.12 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 0.16 | < 0.01 | < 0.01 | 0.06 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | 0.51 | < 0.01 | < 0.01 | 0.10 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | 2.9 | < 0.01 | < 0.01 | 1.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | 0.10 | < 0.01 | < 0.01 | 0.04 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 3.1 | < 0.01 | < 0.01 | 1.6 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 81 | 50 | 94 | 62 |
| 18O2-PFHxS (surr.) | 1 | % | 85 | 53 | 87 | 61 |
| 13C8-PFOS (surr.) | 1 | % | 67 | 53 | 99 | 68 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | 0.07 | < 0.05 | < 0.05 | 0.10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 193 | 96 | 92 | 99 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 92 | 96 | 92 | 53 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 144 | [J-]29 | 106 | 64 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 67 | [J-]24 | 61 | 68 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 6 | < 0.01 | < 0.01 | 2.7 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 3.48 | < 0.01 | < 0.01 | 1.67 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 6.38 | < 0.01 | < 0.01 | 2.77 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 9.15 | < 0.05 | < 0.05 | 3.64 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 9.95 | < 0.1 | < 0.1 | 3.84 |

| Client Sample ID | | | 0861_SW011_250507 | 0861_SW570_250506 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B25-My0026314 | B25-My0026315 |
| Date Sampled | | | May 07, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.5 | 0.08 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.1 | 0.18 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.25 | 0.35 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.1 | 0.08 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.1 | 0.08 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 105 | 89 |
| 13C5-PFPeA (surr.) | 1 | % | 115 | 91 |
| 13C5-PFHxA (surr.) | 1 | % | 78 | 82 |
| 13C4-PFHpA (surr.) | 1 | % | 108 | 97 |
| 13C8-PFOA (surr.) | 1 | % | 116 | 106 |
| 13C5-PFNA (surr.) | 1 | % | 122 | 99 |
| 13C6-PFDA (surr.) | 1 | % | 92 | 90 |
| 13C2-PFUnDA (surr.) | 1 | % | 112 | 94 |
| 13C2-PFDoDA (surr.) | 1 | % | 51 | 68 |
| 13C2-PFTeDA (surr.) | 1 | % | [J-]27 | 130 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.2 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 99 | 98 |
| D3-N-MeFOSA (surr.) | 1 | % | 110 | 124 |
| D5-N-EtFOSA (surr.) | 1 | % | 84 | 186 |
| D7-N-MeFOSE (surr.) | 1 | % | 144 | 97 |
| D9-N-EtFOSE (surr.) | 1 | % | 127 | 92 |
| D5-N-EtFOSAA (surr.) | 1 | % | [J+]195 | 117 |
| D3-N-MeFOSAA (surr.) | 1 | % | 82 | 99 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.11 | 0.13 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.1 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.1 | 0.04 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.12 | 0.12 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.92 | 0.77 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.1 | 0.03 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.90 | 0.65 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.1 | < 0.01 |

| Client Sample ID | | | 0861_SW011_250507 | 0861_SW570_250506 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B25-My0026314 | B25-My0026315 |
| Date Sampled | | | May 07, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| 13C3-PFBS (surr.) | 1 | % | 109 | 85 |
| 18O2-PFHxS (surr.) | 1 | % | 146 | 93 |
| 13C8-PFOS (surr.) | 1 | % | 132 | 87 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.5 | 0.26 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.1 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 76 | 152 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 76 | 108 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 79 | 85 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 57 | 87 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 1.82 | 1.42 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.9 | 0.73 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 1.82 | 1.5 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 2.18 | 2.58 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 2.3 | 2.77 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
[redacted]

Eurofins ARL Pty Ltd
ABN: 91 05 0159 898
[redacted]

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954
[redacted]

web: www.eurofins.com.au
email: [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Order No.:**
**Report #:** 1217988
**Phone:** [redacted]
**Fax:**

**Received:** May 9, 2025 3:50 PM
**Due:** May 16, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_SW080_250506 | May 06, 2025 | | Water | B25-My0026298 | X |
| 2 | 0861_SW079_250506 | May 06, 2025 | | Water | B25-My0026299 | X |
| 3 | 0861_SW041_250506 | May 06, 2025 | | Water | B25-My0026300 | X |
| 4 | 0861_SW067_250506 | May 06, 2025 | | Water | B25-My0026301 | X |
| 5 | 0861_SW064_250506 | May 06, 2025 | | Water | B25-My0026302 | X |
| 6 | 0861_SW053_250506 | May 06, 2025 | | Water | B25-My0026303 | X |
| 7 | 0861_SW003_250506 | May 06, 2025 | | Water | B25-My0026304 | X |
| 8 | 0861_SW027_250506 | May 06, 2025 | | Water | B25-My0026305 | X |
| 9 | 0861_SW048_ | May 06, 2025 | | Water | B25-My0026306 | X |

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521
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email: [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Order No.:**
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**Phone:** [redacted]
**Fax:**

**Received:** May 9, 2025 3:50 PM
**Due:** May 16, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | 250506 | | | | | |
| 10 | 0861_SW030_250507 | May 07, 2025 | | Water | B25-My0026307 | X |
| 11 | 0861_SW002_250507 | May 07, 2025 | | Water | B25-My0026308 | X |
| 12 | 0861_SW076_250507 | May 07, 2025 | | Water | B25-My0026309 | X |
| 13 | 0861_SW056_250507 | May 07, 2025 | | Water | B25-My0026310 | X |
| 14 | 0861_SW009_250507 | May 07, 2025 | | Water | B25-My0026311 | X |
| 15 | 0861_QC312_250506 | May 06, 2025 | | Water | B25-My0026312 | X |
| 16 | 0861_QC111_250507 | May 07, 2025 | | Water | B25-My0026313 | X |
| 17 | 0861_SW011_250507 | May 07, 2025 | | Water | B25-My0026314 | X |
| 18 | 0861_SW570_250506 | May 06, 2025 | | Water | B25-My0026315 | X |
| **Test Counts** | | | | | | 18 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 95 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 116 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 96 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 91 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 109 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 111 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 104 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 105 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 129 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 120 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 109 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 120 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 115 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 95 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 74 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 114 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 103 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 109 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 90 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 69 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 104 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 95 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 109 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 87 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 104 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 79 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 118 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 103 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 111 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026305 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026305 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026305 | CP | % | 60 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026305 | CP | % | 88 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026305 | CP | % | 75 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026305 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026305 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026305 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026305 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026305 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026305 | CP | % | 96 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026305 | CP | % | 97 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026305 | CP | % | 80 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026305 | CP | % | 137 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026305 | CP | % | 110 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026305 | CP | % | 84 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026305 | CP | % | 79 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026305 | CP | % | 86 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026305 | CP | % | 138 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026305 | CP | % | 104 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026305 | CP | % | 110 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026305 | CP | % | 407 | | | 50-150 | Fail | J01 |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026305 | CP | % | 112 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026305 | CP | % | 803 | | | 50-150 | Fail | J01 |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026305 | CP | % | 82 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026305 | CP | % | 92 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026305 | CP | % | 61 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026305 | CP | % | 107 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026305 | CP | % | 95 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026304 | CP | ug/L | 0.22 | 0.22 | 2.0 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026304 | CP | ug/L | 0.57 | 0.56 | 2.0 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026304 | CP | ug/L | 0.91 | 0.88 | 3.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026304 | CP | ug/L | 0.20 | 0.22 | 10 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026304 | CP | ug/L | 0.24 | 0.22 | 8.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026304 | CP | ug/L | 0.01 | 0.01 | 6.0 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026304 | CP | ug/L | 0.34 | 0.33 | 2.0 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026304 | CP | ug/L | 0.09 | 0.10 | 8.0 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026304 | CP | ug/L | 0.31 | 0.31 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026304 | CP | ug/L | 2.3 | 1.7 | 27 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026304 | CP | ug/L | 0.06 | 0.04 | 26 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026304 | CP | ug/L | 1.2 | 1.2 | 2.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026304 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026304 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026314 | CP | ug/L | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026314 | CP | ug/L | 0.25 | 0.29 | 16 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026314 | CP | ug/L | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026314 | CP | ug/L | 0.11 | 0.13 | 11 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026314 | CP | ug/L | 0.12 | 0.12 | 4.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026314 | CP | ug/L | 0.92 | 1.1 | 23 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026314 | CP | ug/L | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026314 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026315 | CP | ug/L | 0.08 | 0.08 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026315 | CP | ug/L | 0.18 | 0.20 | 11 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026315 | CP | ug/L | 0.35 | 0.32 | 10 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026315 | CP | ug/L | 0.08 | 0.07 | 14 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026315 | CP | ug/L | 0.08 | 0.08 | 7.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026315 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026315 | CP | ug/L | 0.13 | 0.14 | 10 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026315 | CP | ug/L | 0.04 | 0.04 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026315 | CP | ug/L | 0.12 | 0.13 | 5.0 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026315 | CP | ug/L | 0.77 | 0.87 | 11 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026315 | CP | ug/L | 0.03 | 0.03 | 14 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026315 | CP | ug/L | 0.65 | 0.62 | 5.0 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026315 | CP | ug/L | 0.26 | 0.33 | 26 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026315 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| G01 | The LORs have been raised due to matrix interference |
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| J01 | Failures of the Matrix Spike (MS) due to the presence of analytes(s) in parent sample at > 3X the spike concentration. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q08 | The matrix spike recovery is outside of the recommended acceptance criteria. An acceptable recovery was obtained for the laboratory control sample indicating a sample matrix interference. |

### Authorised by:

[redacted] Analytical Services Manager
[redacted] Senior Analyst-PFAS
[redacted] Senior Analyst-PFAS

[redacted]

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Groundwater

# Chain of Custody

1217993

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND REP
SEND INV

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_MW535_250506 | Water | 6/5/25 | | 1x bottle | | X | | | |
| 0861_MW025_250506 | | | | | | | | | |
| 0861_MW536_250506 | | | | | | | | | |
| 0861_MW007_250506 | | | | | | | | | |
| 0861_MW006_250506 | | | | | | | | | |
| 0861_MW023_250506 | | | | | | | | | |
| 0861_MW047_250507 | | 7/5/25 | | | | | | | |
| 0861_MW032_250507 | | | | | | | | | |
| 0861_MW005_250507 | | | | | | | | | |
| 0861_MW020_250507 | | | | | | | | | |
| 0861_MW012_250507 | | | | | | | | | |
| 0861_MW539_250507 | | | | | | | | | |
| 0861_MW046_250507 | | | | | | | | | |
| 0861_MW309_250508 | | 8/5/25 | | | | | | | |
| ~~0861_MW _25~~ | | | | | | | | | |
| 0861_QC109 _250506 | Water | 6/5/25 | | 1 x bottle | | X | | | |
| 0861_QC406_250506 | | | | | | | | | |
| 0861_QC311 _250506 | | | | | | | | | |

Time/Date: 9/5/25 3:50pm
Chilled: Yes / No
Temp: 2.1°C
Correction: [redacted]
Final Temp:

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& | TRANSPORT CO. | DATE: | |
| | | OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


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Groundwater

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25 | LABORATORY BATCH NO.: |
| PROJECT NAME: DoD Amberley OMP 2025 | SAMPLERS: [redacted] |
| DATE NEEDED BY: Standard TAT | QC LEVEL: NEPM (2013) |
| PHONE: [redacted] | |
| SEND RE [redacted] | |
| SEND IN [redacted] | |

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | PFAS Full Suite | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC110_250507 | Water | 7/5/25 | | 1 x bottle | | X | | | |
| 0861_QC407_250507 | | | | | | | | | |
| 0861_QC313_250507 | | | | | | | | | |
| 0861_QC408_250508 | | 8/5/25 | | | | | | | |
| 0861_QC314_250508 | | | | | | | | | |
| 0861_QC502_250508 | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& [redacted] | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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Envirolab Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND RE [redacted]
SEND IN [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

Pls fwd to Envirolab

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|
| 0861_QC209_250506 | Water | 6/5/25 | | | | X | | | |
| 0861_QC210_250507 | " | 7/5/25 | | | | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 9/5/2025<br>OF: JBS& | CONSIGNMENT NOTE NO.<br>TRANSPORT CO. | NAME:<br>DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |
| NAME: DATE:<br>OF: | CONSIGNMENT NOTE NO.<br>TRANSPORT CO | NAME: DATE:<br>OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken .....<br>COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

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[redacted]

NATA Accredited
Accreditation Number 1261
Site Number 20794 & 2780

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1217993-W**
Project name DOD AMBERLEY OMP 2025
Project ID QLD_0861_PFASOMP_25
Received Date May 09, 2025

| Client Sample ID | | | 0861_MW535_250506 | 0861_MW025_250506 | 0861_MW536_250506 | 0861_MW007_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026321 | B25-My0026322 | B25-My0026323 | B25-My0026324 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.24 | 0.10 | 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.38 | 0.19 | 0.11 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 0.59 | 0.26 | 0.51 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.13 | [N09]0.07 | [N09]0.08 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.13 | [N09]0.07 | [N09]0.15 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.02 | [N09]0.02 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 119 | 105 | 132 | 124 |
| 13C5-PFPeA (surr.) | 1 | % | 143 | 93 | 109 | 92 |
| 13C5-PFHxA (surr.) | 1 | % | 148 | 108 | 132 | 105 |
| 13C4-PFHpA (surr.) | 1 | % | 111 | 85 | 116 | 113 |
| 13C8-PFOA (surr.) | 1 | % | 93 | 76 | 98 | 107 |
| 13C5-PFNA (surr.) | 1 | % | 80 | 73 | 86 | 117 |
| 13C6-PFDA (surr.) | 1 | % | 94 | 71 | 94 | 74 |
| 13C2-PFUnDA (surr.) | 1 | % | 85 | 68 | 85 | 120 |
| 13C2-PFDoDA (surr.) | 1 | % | 83 | 66 | 83 | 134 |
| 13C2-PFTeDA (surr.) | 1 | % | 100 | 73 | 106 | [J+]194 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 106 | [X]2.0 | 98 | 84 |
| D3-N-MeFOSA (surr.) | 1 | % | 131 | [X]1.0 | 119 | [J-]28 |

| Client Sample ID | | | 0861_MW535_250506 | 0861_MW025_250506 | 0861_MW536_250506 | 0861_MW007_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026321 | B25-My0026322 | B25-My0026323 | B25-My0026324 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 141 | [X]2.0 | 126 | [J-]27 |
| D7-N-MeFOSE (surr.) | 1 | % | 84 | [X]2.0 | 77 | [J-]49 |
| D9-N-EtFOSE (surr.) | 1 | % | 113 | [X]3.0 | 93 | 61 |
| D5-N-EtFOSAA (surr.) | 1 | % | 84 | [J-]50 | 89 | 135 |
| D3-N-MeFOSAA (surr.) | 1 | % | 87 | 56 | 85 | 109 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.30 | 0.12 | 0.32 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.07 | 0.03 | 0.12 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | 0.15 | [N09]0.08 | [N09]0.30 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | 1.2 | [N09]0.56 | [N09]2.3 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | 0.05 | 0.02 | [N09]0.14 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 0.01 | 1.1 | 0.82 | 4.6 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 110 | 92 | 110 | 105 |
| 18O2-PFHxS (surr.) | 1 | % | 143 | 119 | 119 | 131 |
| 13C8-PFOS (surr.) | 1 | % | 132 | 134 | 88 | 122 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 93 | 89 | 117 | 129 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 104 | 92 | [J+]93 | [J+]90 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 88 | 75 | 106 | [J+]100 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 78 | 72 | 85 | 147 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.01 | 2.3 | 1.38 | 6.9 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.01 | 1.23 | 0.89 | 4.75 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.01 | 2.43 | 1.45 | 7.05 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 4.07 | 2.19 | 8.12 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 4.36 | 2.34 | 8.73 |

| Client Sample ID | | | 0861_MW006_250506 | 0861_MW023_250506 | 0861_MW047_250507 | 0861_MW032_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026325 | B25-My0026326 | B25-My0026327 | B25-My0026328 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 0.62 | < 0.05 | 1.7 | 0.51 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 1.6 | 0.03 | 3.0 | 0.79 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 4.0 | 0.10 | 8.2 | 3.2 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.75 | < 0.01 | [N09]1.0 | [N09]0.87 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]1.3 | [N09]0.01 | [N09]1.6 | [N09]1.7 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.08 | < 0.01 | [N09]0.09 | [N09]0.07 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 122 | 101 | 110 | 92 |
| 13C5-PFPeA (surr.) | 1 | % | 108 | 82 | 87 | 66 |
| 13C5-PFHxA (surr.) | 1 | % | 120 | 99 | 131 | 89 |
| 13C4-PFHpA (surr.) | 1 | % | 91 | 107 | 99 | 69 |
| 13C8-PFOA (surr.) | 1 | % | 85 | 76 | 86 | 69 |
| 13C5-PFNA (surr.) | 1 | % | 95 | 74 | 91 | 62 |
| 13C6-PFDA (surr.) | 1 | % | 82 | 82 | 67 | 65 |
| 13C2-PFUnDA (surr.) | 1 | % | 87 | 82 | 87 | 63 |
| 13C2-PFDoDA (surr.) | 1 | % | 109 | 78 | 80 | 61 |
| 13C2-PFTeDA (surr.) | 1 | % | 116 | 80 | 71 | [J-]50 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | 0.22 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 100 | 79 | 95 | [J-]13 |
| D3-N-MeFOSA (surr.) | 1 | % | 52 | 74 | 102 | [X]6.0 |
| D5-N-EtFOSA (surr.) | 1 | % | 51 | 79 | 95 | [X]8.0 |
| D7-N-MeFOSE (surr.) | 1 | % | 78 | 72 | 75 | [J-]10 |
| D9-N-EtFOSE (surr.) | 1 | % | 97 | 92 | 91 | [J-]16 |
| D5-N-EtFOSAA (surr.) | 1 | % | 105 | 75 | 80 | 57 |
| D3-N-MeFOSAA (surr.) | 1 | % | 108 | 78 | 78 | 60 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 2.8 | 0.43 | 9.6 | 2.0 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | 1.7 | < 0.01 | 0.56 | 0.18 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | 1.1 | 0.14 | 3.8 | 0.37 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]2.3 | [N09]0.32 | [N09]5.6 | [N09]1.3 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]16 | [N09]1.3 | [N09]29 | [N09]8.8 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | [N09]0.75 | [N09]0.02 | [N09]1.4 | [N09]0.68 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | 130 | 0.17 | 98 | [N09]37 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | 0.19 | < 0.01 | 0.14 | < 0.1 |

| Client Sample ID | | | 0861_MW006_250506 | 0861_MW023_250506 | 0861_MW047_250507 | 0861_MW032_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026325 | B25-My0026326 | B25-My0026327 | B25-My0026328 |
| Date Sampled | | | May 06, 2025 | May 06, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 100 | 89 | J-84 | 81 |
| 18O2-PFHxS (surr.) | 1 | % | J-126 | 52 | J-117 | 89 |
| 13C8-PFOS (surr.) | 1 | % | 58 | 80 | 73 | 89 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | 0.38 | < 0.05 | < 0.05 | 0.09 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | 0.04 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 110 | 89 | 73 | 71 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 123 | 135 | J+122 | 90 |
| 13C2-8:2 FTSA (surr.) | 1 | % | J+91 | 106 | 141 | 68 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 68 | 82 | 91 | 65 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 146 | 1.47 | 127 | 45.8 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 131.3 | 0.18 | 99.6 | 38.7 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 147.3 | 1.48 | 128.6 | 47.5 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 157.49 | 2.04 | 152.1 | 54.96 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 163.83 | 2.52 | 163.69 | 57.56 |

| Client Sample ID | | | 0861_MW005_250507 | 0861_MW020_250507 | 0861_MW012_250507 | 0861_MW539_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026329 | B25-My0026330 | B25-My0026331 | B25-My0026332 |
| Date Sampled | | | May 07, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.13 | < 0.05 | 0.69 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.45 | < 0.01 | 1.0 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.01 | 0.81 | < 0.01 | 4.4 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | N09 0.18 | < 0.01 | N09 0.37 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | N09 0.27 | < 0.01 | N09 0.07 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | N09 0.09 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 106 | 128 | 109 | 115 |
| 13C5-PFPeA (surr.) | 1 | % | 103 | 93 | 106 | 125 |
| 13C5-PFHxA (surr.) | 1 | % | 111 | 106 | 114 | 134 |
| 13C4-PFHpA (surr.) | 1 | % | 97 | 102 | 77 | 83 |
| 13C8-PFOA (surr.) | 1 | % | 81 | 102 | 76 | 77 |
| 13C5-PFNA (surr.) | 1 | % | 65 | 93 | 74 | 92 |
| 13C6-PFDA (surr.) | 1 | % | 75 | 72 | 93 | 101 |

| Client Sample ID | | | 0861_MW005_250507 | 0861_MW020_250507 | 0861_MW012_250507 | 0861_MW539_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026329 | B25-My0026330 | B25-My0026331 | B25-My0026332 |
| Date Sampled | | | May 07, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 78 | 98 | 84 | 88 |
| 13C2-PFDoDA (surr.) | 1 | % | 74 | 96 | 82 | 85 |
| 13C2-PFTeDA (surr.) | 1 | % | 104 | 124 | 84 | 95 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 76 | 109 | 90 | 100 |
| D3-N-MeFOSA (surr.) | 1 | % | 55 | 83 | 58 | 85 |
| D5-N-EtFOSA (surr.) | 1 | % | 64 | 83 | 63 | 82 |
| D7-N-MeFOSE (surr.) | 1 | % | 63 | 84 | 70 | 78 |
| D9-N-EtFOSE (surr.) | 1 | % | 77 | 107 | 93 | 106 |
| D5-N-EtFOSAA (surr.) | 1 | % | 71 | 101 | 82 | 86 |
| D3-N-MeFOSAA (surr.) | 1 | % | 74 | 95 | 87 | 92 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.02 | 0.24 | < 0.01 | 5.8 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | 0.03 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.04 | < 0.01 | 2.6 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.01 | [N09]0.22 | < 0.01 | 3.0 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.07 | [N09]2.1 | < 0.01 | 5.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | [N09]0.14 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.02 | [N09]8.6 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 89 | 114 | 89 | 119 |
| 18O2-PFHxS (surr.) | 1 | % | 110 | 143 | 122 | 139 |
| 13C8-PFOS (surr.) | 1 | % | 75 | 99 | 125 | 131 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.06 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 109 | 86 | 68 | 68 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 136 | 117 | 89 | 91 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 103 | 110 | 84 | 100 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 74 | 93 | 79 | 88 |

| Client Sample ID | | | 0861_MW005_250507 | 0861_MW020_250507 | 0861_MW012_250507 | 0861_MW539_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026329 | B25-My0026330 | B25-My0026331 | B25-My0026332 |
| Date Sampled | | | May 07, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.09 | 10.7 | < 0.01 | 5.1 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.02 | 8.87 | < 0.01 | 0.07 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.09 | 10.97 | < 0.01 | 5.17 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.12 | 12.84 | < 0.05 | 17.43 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.13 | 13.36 | < 0.1 | 23.03 |

| Client Sample ID | | | 0861_MW046_250507 | 0861_MW309_250508 | 0861_QC109_250506 | 0861_QC406_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026333 | B25-My0026334 | B25-My0026335 | B25-My0026336 |
| Date Sampled | | | May 07, 2025 | May 08, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | 2.0 | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | 2.0 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 1.3 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | [N09]0.28 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.50 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | [N09]0.05 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 122 | 115 | 127 | 108 |
| 13C5-PFPeA (surr.) | 1 | % | 117 | 114 | 145 | 139 |
| 13C5-PFHxA (surr.) | 1 | % | 127 | 143 | 142 | 142 |
| 13C4-PFHpA (surr.) | 1 | % | 57 | 103 | 103 | 92 |
| 13C8-PFOA (surr.) | 1 | % | 61 | 96 | 103 | 108 |
| 13C5-PFNA (surr.) | 1 | % | 52 | 80 | 85 | 97 |
| 13C6-PFDA (surr.) | 1 | % | 74 | 98 | 83 | 113 |
| 13C2-PFUnDA (surr.) | 1 | % | 62 | 88 | 66 | 92 |
| 13C2-PFDoDA (surr.) | 1 | % | 57 | 86 | 67 | 82 |
| 13C2-PFTeDA (surr.) | 1 | % | 52 | 102 | 84 | 82 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 52 | 76 | 90 | 50 |

| Client Sample ID | | | 0861_MW046_250507 | 0861_MW309_250508 | 0861_QC109_250506 | 0861_QC406_250506 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026333 | B25-My0026334 | B25-My0026335 | B25-My0026336 |
| Date Sampled | | | May 07, 2025 | May 08, 2025 | May 06, 2025 | May 06, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D3-N-MeFOSA (surr.) | 1 | % | 57 | J- 47 | 60 | J- 18 |
| D5-N-EtFOSA (surr.) | 1 | % | 61 | J- 46 | 63 | J- 23 |
| D7-N-MeFOSE (surr.) | 1 | % | J- 69 | 52 | 54 | J- 34 |
| D9-N-EtFOSE (surr.) | 1 | % | 52 | 68 | 72 | J- 40 |
| D5-N-EtFOSAA (surr.) | 1 | % | J- 59 | 94 | 81 | 113 |
| D3-N-MeFOSAA (surr.) | 1 | % | J- 74 | 85 | 72 | 89 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) N11 | 0.01 | ug/L | 0.42 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS) N15 | 0.01 | ug/L | 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS) N15 | 0.01 | ug/L | 0.15 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS) N15 | 0.01 | ug/L | 0.31 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS) N11 | 0.01 | ug/L | 2.4 | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS) N15 | 0.01 | ug/L | 0.29 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS) N11 | 0.01 | ug/L | 8.7 | 0.03 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS) N15 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 59 | 112 | 103 | 103 |
| 18O2-PFHxS (surr.) | 1 | % | 142 | 140 | 146 | 132 |
| 13C8-PFOS (surr.) | 1 | % | 89 | 119 | 113 | 140 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) N11 | 0.05 | ug/L | 0.66 | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) N11 | 0.01 | ug/L | 0.07 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) N11 | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 71 | 64 | 110 | 105 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 129 | 96 | 126 | 118 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 77 | 88 | 81 | 138 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 50 | 88 | 70 | 89 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 11.1 | 0.03 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 9.2 | 0.03 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 11.6 | 0.03 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 18.33 | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 19.15 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC311_250506 | 0861_QC110_250507 | 0861_QC407_250507 | 0861_QC313_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026337 | B25-My0026338 | B25-My0026339 | B25-My0026340 |
| Date Sampled | | | May 06, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | 0.17 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | 0.62 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | 1.1 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.24 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.38 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | [N09]0.13 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 115 | 124 | 105 | 113 |
| 13C5-PFPeA (surr.) | 1 | % | 139 | 90 | 141 | 113 |
| 13C5-PFHxA (surr.) | 1 | % | 127 | 102 | 127 | 125 |
| 13C4-PFHpA (surr.) | 1 | % | 88 | 115 | 95 | 88 |
| 13C8-PFOA (surr.) | 1 | % | 99 | 89 | 88 | 91 |
| 13C5-PFNA (surr.) | 1 | % | 93 | 88 | 88 | 84 |
| 13C6-PFDA (surr.) | 1 | % | 112 | 63 | 99 | 96 |
| 13C2-PFUnDA (surr.) | 1 | % | 97 | 91 | 81 | 84 |
| 13C2-PFDoDA (surr.) | 1 | % | 93 | 84 | 71 | 78 |
| 13C2-PFTeDA (surr.) | 1 | % | 110 | 84 | 60 | 84 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 88 | 99 | 68 | [J-]26 |
| D3-N-MeFOSA (surr.) | 1 | % | 62 | 111 | [J-]24 | [J-]10 |
| D5-N-EtFOSA (surr.) | 1 | % | 68 | 129 | [J-]29 | [J-]18 |
| D7-N-MeFOSE (surr.) | 1 | % | 69 | 87 | [J-]42 | [J-]14 |
| D9-N-EtFOSE (surr.) | 1 | % | 84 | 118 | 50 | [J-]22 |
| D5-N-EtFOSAA (surr.) | 1 | % | 96 | 88 | 78 | 84 |
| D3-N-MeFOSAA (surr.) | 1 | % | 91 | 92 | 87 | 82 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | 0.33 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | 0.05 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | 0.06 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | 0.33 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | 2.6 | < 0.01 | < 0.01 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | 0.18 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | 13 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |

| Client Sample ID | | | 0861_QC311_250506 | 0861_QC110_250507 | 0861_QC407_250507 | 0861_QC313_250507 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026337 | B25-My0026338 | B25-My0026339 | B25-My0026340 |
| Date Sampled | | | May 06, 2025 | May 07, 2025 | May 07, 2025 | May 07, 2025 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 101 | 107 | 90 | 94 |
| 18O2-PFHxS (surr.) | 1 | % | 139 | 150 | 133 | 122 |
| 13C8-PFOS (surr.) | 1 | % | 140 | 92 | 125 | 124 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | 0.08 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 117 | 85 | 100 | 89 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 106 | 130 | 104 | 97 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 107 | 94 | 91 | 99 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 97 | 84 | 77 | 82 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | 15.6 | < 0.01 | < 0.01 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 13.38 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | 15.98 | < 0.01 | < 0.01 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | 18.52 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | 19.28 | < 0.1 | < 0.1 |

| Client Sample ID | | | 0861_QC408_250508 | 0861_QC314_250508 | 0861_QC502_250508 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026341 | B25-My0026342 | B25-My0026343 |
| Date Sampled | | | May 08, 2025 | May 08, 2025 | May 08, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 106 | 96 | 118 |
| 13C5-PFPeA (surr.) | 1 | % | 139 | 130 | 130 |
| 13C5-PFHxA (surr.) | 1 | % | 122 | 130 | 123 |
| 13C4-PFHpA (surr.) | 1 | % | 95 | 92 | 100 |
| 13C8-PFOA (surr.) | 1 | % | 79 | 91 | 82 |
| 13C5-PFNA (surr.) | 1 | % | 82 | 94 | 79 |
| 13C6-PFDA (surr.) | 1 | % | 90 | 101 | 89 |

| Client Sample ID | | | 0861_QC408_250508 | 0861_QC314_250508 | 0861_QC502_250508 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026341 | B25-My0026342 | B25-My0026343 |
| Date Sampled | | | May 08, 2025 | May 08, 2025 | May 08, 2025 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | |
| 13C2-PFUnDA (surr.) | 1 | % | 76 | 79 | 81 |
| 13C2-PFDoDA (surr.) | 1 | % | 67 | 66 | 80 |
| 13C2-PFTeDA (surr.) | 1 | % | 57 | 66 | 78 |
| **Perfluoroalkyl sulfonamido substances** | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 73 | 80 | [X]7.0 |
| D3-N-MeFOSA (surr.) | 1 | % | [J-]49 | 94 | [X]5.0 |
| D5-N-EtFOSA (surr.) | 1 | % | 51 | 93 | [X]8.0 |
| D7-N-MeFOSE (surr.) | 1 | % | 52 | 57 | [X]7.0 |
| D9-N-EtFOSE (surr.) | 1 | % | 72 | 71 | [J-]11 |
| D5-N-EtFOSAA (surr.) | 1 | % | 69 | 77 | 70 |
| D3-N-MeFOSAA (surr.) | 1 | % | 77 | 86 | 72 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 83 | 84 | 84 |
| 18O2-PFHxS (surr.) | 1 | % | 116 | 132 | 127 |
| 13C8-PFOS (surr.) | 1 | % | 120 | 133 | 118 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 105 | 95 | 94 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 112 | 114 | 105 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 90 | 98 | 92 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 73 | 71 | 93 |

| Client Sample ID | | | 0861_QC408_250508 | 0861_QC314_250508 | 0861_QC502_250508 |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | B25-My0026341 | B25-My0026342 | B25-My0026343 |
| Date Sampled | | | May 08, 2025 | May 08, 2025 | May 08, 2025 |
| Test/Reference | LOR | Unit | | | |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | < 0.01 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | < 0.01 | < 0.01 | 0.02 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | < 0.05 | < 0.05 | < 0.05 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | < 0.1 | < 0.1 | < 0.1 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | May 11, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

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Eurofins ARL Pty Ltd
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Eurofins Environment Testing NZ Ltd
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web: www.eurofins.com.au
email: [redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Order No.:**
**Report #:** 1217993
**Phone:** [redacted]
**Fax:**

**Received:** May 9, 2025 3:50 PM
**Due:** May 16, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_MW535_250506 | May 06, 2025 | | Water | B25-My0026321 | X |
| 2 | 0861_MW025_250506 | May 06, 2025 | | Water | B25-My0026322 | X |
| 3 | 0861_MW536_250506 | May 06, 2025 | | Water | B25-My0026323 | X |
| 4 | 0861_MW007_250506 | May 06, 2025 | | Water | B25-My0026324 | X |
| 5 | 0861_MW006_250506 | May 06, 2025 | | Water | B25-My0026325 | X |
| 6 | 0861_MW023_250506 | May 06, 2025 | | Water | B25-My0026326 | X |
| 7 | 0861_MW047_250507 | May 07, 2025 | | Water | B25-My0026327 | X |
| 8 | 0861_MW032_250507 | May 07, 2025 | | Water | B25-My0026328 | X |
| 9 | 0861_MW005 | May 07, 2025 | | Water | B25-My0026329 | X |

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**Fax:**

**Received:** May 9, 2025 3:50 PM
**Due:** May 16, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| | _250507 | | | | | |
| 10 | 0861_MW020_250507 | May 07, 2025 | | Water | B25-My0026330 | X |
| 11 | 0861_MW012_250507 | May 07, 2025 | | Water | B25-My0026331 | X |
| 12 | 0861_MW539_250507 | May 07, 2025 | | Water | B25-My0026332 | X |
| 13 | 0861_MW046_250507 | May 07, 2025 | | Water | B25-My0026333 | X |
| 14 | 0861_MW309_250508 | May 08, 2025 | | Water | B25-My0026334 | X |
| 15 | 0861_QC109_250506 | May 06, 2025 | | Water | B25-My0026335 | X |
| 16 | 0861_QC406_250506 | May 06, 2025 | | Water | B25-My0026336 | X |
| 17 | 0861_QC311_250506 | May 06, 2025 | | Water | B25-My0026337 | X |
| 18 | 0861_QC110_250507 | May 07, 2025 | | Water | B25-My0026338 | X |
| 19 | 0861_QC407_ | May 07, 2025 | | Water | B25-My0026339 | X |

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[redacted]

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NZBN: 9429046024954
[redacted]

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Order No.:**
**Report #:** 1217993
**Phone:** [redacted]
**Fax:**

**Received:** May 9, 2025 3:50 PM
**Due:** May 16, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| 19 | 0861_QC407_250507 | May 07, 2025 | | Water | B25-My0026339 | |
| 20 | 0861_QC313_250507 | May 07, 2025 | | Water | B25-My0026340 | X |
| 21 | 0861_QC408_250508 | May 08, 2025 | | Water | B25-My0026341 | X |
| 22 | 0861_QC314_250508 | May 08, 2025 | | Water | B25-My0026342 | X |
| 23 | 0861_QC502_250508 | May 08, 2025 | | Water | B25-My0026343 | X |
| **Test Counts** | | | | | | 23 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 147 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 78 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 107 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 115 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 95 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 116 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 70 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 72 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 108 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 78 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 74 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 77 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 86 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 90 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 106 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 82 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 111 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 87 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 138 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 70 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 117 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 97 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | % | 90 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 101 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 70 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 63 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 114 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 134 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 85 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 113 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 86 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 111 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 115 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 91 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 119 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 70 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 73 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 111 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 62 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 70 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 80 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 90 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 89 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 106 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 91 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 108 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 87 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 145 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 71 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 120 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 102 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 87 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 95 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 74 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 60 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 114 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 139 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 89 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026322 | CP | % | 96 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026322 | CP | % | 118 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026322 | CP | % | 95 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026322 | CP | % | 106 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026322 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026322 | CP | % | 132 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026322 | CP | % | 77 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026322 | CP | % | 76 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026322 | CP | % | 100 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026322 | CP | % | 84 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026322 | CP | % | 67 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026322 | CP | % | 86 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026322 | CP | % | 87 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026322 | CP | % | 83 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026322 | CP | % | 105 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026322 | CP | % | 107 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026322 | CP | % | 106 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026322 | CP | % | 85 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026322 | CP | % | 91 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026322 | CP | % | 66 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026322 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026322 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026322 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026322 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026322 | CP | % | 228 | | | 50-150 | Fail | J01 |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026322 | CP | % | 51 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026322 | CP | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026322 | CP | % | 127 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026322 | CP | % | 98 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026322 | CP | % | 89 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026337 | CP | % | 116 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026337 | CP | % | 87 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026337 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026337 | CP | % | 131 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026337 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026337 | CP | % | 124 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026337 | CP | % | 73 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026337 | CP | % | 77 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026337 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026337 | CP | % | 65 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026337 | CP | % | 71 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026337 | CP | % | 79 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026337 | CP | % | 99 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026337 | CP | % | 83 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026337 | CP | % | 102 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026337 | CP | % | 87 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026337 | CP | % | 104 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026337 | CP | % | 92 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026337 | CP | % | 134 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026337 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026337 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026337 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026337 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026337 | CP | % | 103 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026337 | CP | % | 79 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026337 | CP | % | 73 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026337 | CP | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026337 | CP | % | 144 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026337 | CP | % | 105 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026337 | CP | % | 88 | | | 50-150 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026336 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026336 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026339 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026339 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0026342 | CP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0026342 | CP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | N/A |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| J+ | If the percent recoveries were greater than the upper control limit, qualify detects for the analyte in associated samples as estimated with a positive bias J+. |
| J01 | Failures of the Matrix Spike (MS) due to the presence of analytes(s) in parent sample at > 3X the spike concentration. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| X | If the EIS recovery is <10%, associated detects and non-detects should be qualified X. |

### Authorised by:

[redacted] Analytical Services Manager

[redacted] Senior Analyst-PFAS

[redacted]

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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**From:** [redacted]
**Sent:** [redacted]
**To:** [redacted]
**Subject:** Re: 1215841 Results

**Unverified Sender:** The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attac clicking links.

[redacted]

Yes please, same as the rest standard LOR extended suite

Thank you!

[redacted]

Turrbul and Yuggera Country [redacted]

*Exceptional Outcomes*

**From:** [redacted]
**Sent:** [redacted]
**To:** [redacted]
**Subject:** [redacted]

***[EXTERNAL EMAIL]** Stop and think before opening attachments, clicking or responding.***

Hey [redacted]

These ones didn't have any testing selected on the COC so were placed on hold.

Would you like me to have these tested?

Kind Regards,
[redacted]
Analytical Service Manager - QLD
***Office hours: 9:00am - 5:00pm***
**Eurofins Environment Testing Australia Pty Ltd**
1/21 Smallwood Place
MURARRIE QLD 4172
AUSTRALIA
**Phone:** [redacted]
**E-mail:** [redacted]
**Website:** [redacted]

1221796

35 YEARS TESTING FOR LIFE

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**From:** [redacted]
**Sent:** [redacted]
**To:** [redacted]
**Subject:** [redacted]

**Unverified Sender:** The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attac clicking links.

Hey [redacted]

I am sure these have already been done and are somewhere but could you shoot me the results for 1215841 please?

Thank you!

[redacted]

Turrbul and Yuggera Country [redacted]

*Exceptional Outcomes*

**JBS & G Australia (QLD) P/L**
[redacted]
[redacted]
[redacted]

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 20794 & 2780**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** [redacted]

**Report** **1221796-W**
Project name DOD AMBERLEY OMP 2025
Project ID QLD_0861_PFASOMP_25
Received Date May 19, 2025

| **Client Sample ID** | | | **0861_MW054D_250428** | **0861_MW054S_250428** |
|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** |
| **Eurofins Sample No.** | | | **B25-My0055498** | **B25-My0055499** |
| **Date Sampled** | | | **Apr 28, 2025** | **Apr 28, 2025** |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.01 | ug/L | 0.02 | 0.02 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.01 | ug/L | [N09]0.01 | < 0.01 |
| Perfluorononanoic acid (PFNA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C4-PFBA (surr.) | 1 | % | 99 | 57 |
| 13C5-PFPeA (surr.) | 1 | % | 93 | 51 |
| 13C5-PFHxA (surr.) | 1 | % | 91 | 52 |
| 13C4-PFHpA (surr.) | 1 | % | 65 | 52 |
| 13C8-PFOA (surr.) | 1 | % | 102 | 65 |
| 13C5-PFNA (surr.) | 1 | % | 71 | 50 |
| 13C6-PFDA (surr.) | 1 | % | 79 | 56 |
| 13C2-PFUnDA (surr.) | 1 | % | 62 | [J-]32 |
| 13C2-PFDoDA (surr.) | 1 | % | 98 | 71 |
| 13C2-PFTeDA (surr.) | 1 | % | 98 | 71 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 13C8-FOSA (surr.) | 1 | % | 95 | 69 |
| D3-N-MeFOSA (surr.) | 1 | % | 92 | 75 |

| Client Sample ID | | | 0861_MW054D_250428 | 0861_MW054S_250428 |
|---|---|---|---|---|
| Sample Matrix | | | Water | Water |
| Eurofins Sample No. | | | B25-My0055498 | B25-My0055499 |
| Date Sampled | | | Apr 28, 2025 | Apr 28, 2025 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| D5-N-EtFOSA (surr.) | 1 | % | 109 | 86 |
| D7-N-MeFOSE (surr.) | 1 | % | 85 | 62 |
| D9-N-EtFOSE (surr.) | 1 | % | 113 | 87 |
| D5-N-EtFOSAA (surr.) | 1 | % | 83 | 60 |
| D3-N-MeFOSAA (surr.) | 1 | % | 83 | 60 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.01 | ug/L | 0.04 | 0.02 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.01 | ug/L | [N09]0.02 | < 0.01 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.01 | ug/L | [N09]0.10 | [N09]0.06 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.01 | ug/L | [N09]0.05 | [N09]0.03 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C3-PFBS (surr.) | 1 | % | 67 | 52 |
| 18O2-PFHxS (surr.) | 1 | % | 101 | 67 |
| 13C8-PFOS (surr.) | 1 | % | 89 | 55 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.05 | ug/L | < 0.05 | < 0.05 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.01 | ug/L | < 0.01 | < 0.01 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 102 | 54 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 96 | 62 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 99 | 62 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 60 | [J-]22 |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 0.01 | ug/L | 0.15 | 0.09 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.01 | ug/L | 0.06 | 0.03 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.01 | ug/L | 0.16 | 0.09 |
| Sum of WA DWER PFAS (n=10)* | 0.05 | ug/L | 0.22 | 0.13 |
| Sum of PFASs (n=30)* | 0.1 | ug/L | 0.24 | 0.13 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Brisbane | May 20, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Brisbane | May 20, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Brisbane | May 20, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Brisbane | May 20, 2025 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |

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**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 & 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise | 43 Detroit Drive | 1277 Cameron Road |
| Penrose | Mount Wellington | Rolleston | Gate Pa |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (QLD) P/L
**Address:** [redacted]

**Order No.:**
**Report #:** 1221796
**Phone:** [redacted]
**Fax:**

**Received:** May 19, 2025 2:18 PM
**Due:** May 26, 2025
**Priority:** 5 Day
**Contact Name:** [redacted]

**Project Name:** DOD AMBERLEY OMP 2025
**Project ID:** QLD_0861_PFASOMP_25

**Eurofins Analytical Services Manager :** [redacted]

| Sample Detail | | | | | | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X |
| **External Laboratory** | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | |
| 1 | 0861_MW054D_250428 | Apr 28, 2025 | | Water | B25-My0055498 | X |
| 2 | 0861_MW054S_250428 | Apr 28, 2025 | | Water | B25-My0055499 | X |
| **Test Counts** | | | | | | 2 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.05 | | | 0.05 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.01 | | | 0.01 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 65 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 76 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 100 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 107 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 87 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 69 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 73 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 63 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 83 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 90 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 106 | | | 50-150 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 87 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 82 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 70 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 89 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 89 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 59 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 88 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 89 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 57 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 67 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 88 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 79 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 96 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 70 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 51 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 102 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 99 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 94 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 83 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | B25-My0058920 | NCP | ug/L | 0.03 | 0.03 | 1.0 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | B25-My0058920 | NCP | ug/L | 0.03 | 0.03 | 5.0 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | B25-My0058920 | NCP | ug/L | 0.12 | 0.12 | 1.0 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | B25-My0058920 | NCP | ug/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | B25-My0058920 | NCP | ug/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| J- | If the percent recoveries were less than the lower control limit, qualify detects for the analyte in associated samples as estimated with a negative bias J-. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

[redacted] Analytical Services Manager

[redacted] Senior Analyst-PFAS

[redacted]

[redacted]

**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

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Envirolab Surface Water

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND RE [redacted]
SEND INV [redacted]

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

P/S Fwd to Envirolab

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC203_250429 | Water | 29/4/25 | | 1x bottle | | X | | | |
| 2 | 0861_QC204_250430 | " | 30/4/25 | | " | | " | | | |
| 3 | 0861_QC205_250430 | " | " | | " | | " | | | |
| 4 | 0861_QC207_250501 | " | 1/5/25 | | " | | " | | | |
| 5 | 0861_QC208_250502 | " | 2/5/25 | | " | | " | | | |

Envirolab Services
25 Research Drive
Croydon South VIC 3136
Ph: (03) 9763 2500

Job No: MAE0149
Date Received: 8/5/25
Time Received: [redacted]
Received By: [redacted]
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: 14.8 | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: [redacted] | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& [redacted] | TRANSPORT CO. | DATE: 07/05/2025 09:00 | COOLER TEMP ..... deg C |
| | | OF: ENVIROLAB BRIS | |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

RECEIVED WITH BLUE ICE BRICKS


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**Envirolab Services Pty Ltd**
**ABN 37 112 535 645 - 002**
[redacted]
melbourne@envirolab.com.au
www.envirolab.com.au

# Certificate of Analysis MGE0149

## Client Details

| | |
|---|---|
| **Client** | JBS & G Australia Pty Ltd (Brisbane) |
| **Contact** | [redacted] |
| **Address** | [redacted] |

## Sample Details

| | |
|---|---|
| **Your Reference** | QLD_0861_PFASOMP_25 |
| **Number of Samples** | 5 Water |
| **Date Samples Received** | 08/05/2025 |
| **Date Instructions Received** | 08/05/2025 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for soils and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date Results Requested by** | 14/05/2025 |
| **Date of Issue** | 09/05/2025 |

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**Accredited for compliance with ISO/IEC 17025. Tests not covered by NATA are denoted with *.**

## Authorisation Details

| | |
|---|---|
| **Results Approved By** | [redacted] Senior Chemist |
| **Laboratory Manager** | [redacted] |

# Certificate of Analysis MGE0149

## Samples in this Report

| Envirolab ID | Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| MGE0149-01 | 0861_QC203_250429 | Water | 29/04/2025 | 08/05/2025 |
| MGE0149-02 | 0861_QC204_250430 | Water | 30/04/2025 | 08/05/2025 |
| MGE0149-03 | 0861_QC205_250430 | Water | 30/04/2025 | 08/05/2025 |
| MGE0149-04 | 0861_QC207_250501 | Water | 01/05/2025 | 08/05/2025 |
| MGE0149-05 | 0861_QC208_250502 | Water | 02/05/2025 | 08/05/2025 |

## PFAS Extended List (Water)

| Envirolab ID | Units | PQL | MGE0149-01 | MGE0149-02 | MGE0149-03 | MGE0149-04 | MGE0149-05 |
|---|---|---|---|---|---|---|---|
| Your Reference | | | 0861_QC203_2 50429 | 0861_QC204_2 50430 | 0861_QC205_2 50430 | 0861_QC207_2 50501 | 0861_QC208_2 50502 |
| Date Sampled | | | 29/04/2025 | 30/04/2025 | 30/04/2025 | 01/05/2025 | 02/05/2025 |
| Perfluorobutanesulfonic acid (PFBS) | µg/L | 0.010 | <0.010 | 0.092 | <0.010 | 0.10 | <0.010 |
| Perfluoropentanesulfonic acid (PFPeS) | µg/L | 0.010 | <0.010 | 0.10 | <0.010 | 0.094 | <0.010 |
| Perfluorohexanesulfonic acid (PFHxS) | µg/L | 0.010 | <0.010 | 0.91 | <0.010 | 0.70 | <0.010 |
| Perfluoroheptanesulfonic acid (PFHpS) | µg/L | 0.010 | <0.010 | 0.039 | <0.010 | 0.017 | <0.010 |
| Perfluorooctanesulfonic acid (PFOS) | µg/L | 0.010 | <0.010 | 2.3 | 0.023 | 0.73 | <0.010 |
| Perfluorodecanesulfonic acid (PFDS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.020 | <0.020 | <0.040 [1] | <0.020 | 0.061 | <0.020 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.020 | <0.020 | 0.058 | <0.020 | 0.17 | <0.020 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.010 | <0.010 | 0.25 | <0.010 | 0.30 | <0.010 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.010 | <0.010 | 0.033 | <0.010 | 0.059 | <0.010 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.010 | <0.010 | 0.062 | <0.010 | 0.081 | <0.010 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.010 | <0.010 | 0.19 | <0.010 | 0.017 | <0.010 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 |
| N-Methyl perfluorooctane sulfonamidoethanol | µg/L | 0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| N-Ethyl perfluorooctane sulfonamidoethanol | µg/L | 0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| N-Methyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| *Surrogate 13C8 PFOS* | % | | *93.5* | *100* | *99.0* | *102* | *98.0* |
| *Surrogate 13C2 PFOA* | % | | *99.9* | *97.1* | *93.1* | *99.0* | *96.2* |
| Total +ve PFHxS+PFOS | µg/L | 0.010 | <0.010 | 3.2 | 0.023 | 1.4 | <0.010 |
| Total +ve PFOA+PFOS | µg/L | 0.010 | <0.010 | 2.4 | 0.023 | 0.81 | <0.010 |
| Total +ve PFAS | µg/L | 0.010 | <0.010 | 4.0 | 0.023 | 2.3 | <0.010 |
| *Extraction Internal Standard 13C3 PFBS* | % | | *91.6* | *91.7* | *90.4* | *92.3* | *92.2* |
| *Extraction Internal Standard 18O2 PFHxS* | % | | *91.6* | *93.2* | *85.7* | *90.8* | *94.7* |
| *Extraction Internal Standard 13C4 PFOS* | % | | *95.3* | *89.8* | *85.3* | *86.9* | *94.0* |
| *Extraction Internal Standard 13C4 PFBA* | % | | *76.9* | *70.6* | *73.4* | *74.5* | *55.0* |
| *Extraction Internal Standard 13C3 PFPeA* | % | | *91.7* | *92.7* | *91.0* | *90.6* | *88.3* |
| *Extraction Internal Standard 13C2 PFHxA* | % | | *92.6* | *91.5* | *87.5* | *86.5* | *92.4* |
| *Extraction Internal Standard 13C4 PFHpA* | % | | *94.8* | *92.4* | *91.8* | *94.1* | *98.6* |
| *Extraction Internal Standard 13C4 PFOA* | % | | *96.5* | *96.6* | *93.9* | *92.8* | *95.0* |
| *Extraction Internal Standard 13C5 PFNA* | % | | *95.1* | *91.3* | *92.5* | *94.0* | *97.5* |

## PFAS Extended List (Water)

| Envirolab ID | Units | PQL | MGE0149-01 | MGE0149-02 | MGE0149-03 | MGE0149-04 | MGE0149-05 |
|---|---|---|---|---|---|---|---|
| Your Reference | | | 0861_QC203_250429 | 0861_QC204_250430 | 0861_QC205_250430 | 0861_QC207_250501 | 0861_QC208_250502 |
| Date Sampled | | | 29/04/2025 | 30/04/2025 | 30/04/2025 | 01/05/2025 | 02/05/2025 |
| *Extraction Internal Standard 13C2 PFDA* | % | | *94.0* | *93.6* | *86.8* | *90.3* | *94.6* |
| *Extraction Internal Standard 13C2 PFUnDA* | % | | *91.9* | *83.9* | *88.2* | *93.9* | *80.8* |
| *Extraction Internal Standard 13C2 PFDoDA* | % | | *90.7* | *104* | *92.0* | *102* | *102* |
| *Extraction Internal Standard 13C2 PFTeDA* | % | | *81.8* | *76.3* | *65.9* | *83.9* | *81.0* |
| *Extraction Internal Standard 13C2 4:2FTS* | % | | *93.3* | *87.0* | *85.5* | *88.5* | *101* |
| *Extraction Internal Standard 13C2 6:2FTS* | % | | *96.7* | *99.1* | *87.7* | *93.3* | *96.3* |
| *Extraction Internal Standard 13C2 8:2FTS* | % | | *83.4* | *83.3* | *78.0* | *89.0* | *88.8* |
| *Extraction Internal Standard 13C8 FOSA* | % | | *101* | *97.4* | *94.4* | *89.8* | *96.3* |
| *Extraction Internal Standard d3 N MeFOSA* | % | | *98.4* | *96.1* | *90.0* | *89.6* | *104* |
| *Extraction Internal Standard d5 N EtFOSA* | % | | *95.0* | *94.5* | *86.8* | *89.7* | *95.9* |
| *Extraction Internal Standard d7 N MeFOSE* | % | | *90.1* | *86.7* | *84.4* | *86.5* | *90.9* |
| *Extraction Internal Standard d9 N EtFOSE* | % | | *99.0* | *99.0* | *95.1* | *92.8* | *98.2* |
| *Extraction Internal Standard d3 N MeFOSAA* | % | | *99.0* | *103* | *89.1* | *96.5* | *107* |
| *Extraction Internal Standard d5 N EtFOSAA* | % | | *75.2* | *78.1* | *72.7* | *82.4* | *79.2* |

## Result Comments

| Identifier | Description |
|---|---|
| [1] | PQL(s) has/have been raised due to matrix interference. |

## Method Summary

| Method ID | Methodology Summary |
|---|---|
| ORG-029 | Soil/solid and sorbent samples are extracted with basified Methanol. Waters and soil/sorbent extracts are directly injected and/or concentrated/extracted using SPE. TCLP/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3. Analysis is undertaken with LC-MSMS. PFAS results include the sum of branched and linear isomers where applicable. Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components. Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

## Result Definitions

| Identifier | Description |
|---|---|
| **NR** | Not reported |
| **NEPM** | National Environment Protection Measure |
| **NS** | Not specified |
| **LCS** | Laboratory Control Sample |
| **RPD** | Relative Percent Difference |
| **>** | Greater than |
| **<** | Less than |
| **PQL** | Practical Quantitation Limit |
| **INS** | Insufficient sample for this test |
| **NA** | Test not required |
| **NT** | Not tested |
| **DOL** | Samples rejected due to particulate overload (air filters only) |
| **RFD** | Samples rejected due to filter damage (air filters only) |
| **RUD** | Samples rejected due to uneven deposition (air filters only) |
| **##** | Indicates a laboratory acceptance criteria outlier, for further details, see Result Comments and/or QC Comments |

## Quality Control Definitions

**Blank**

This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, and is determined by processing solvents and reagents in exactly the same manner as for samples.

**Surrogate Spike**

Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

**LCS (Laboratory Control Sample)**

This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

**Matrix Spike**

A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

**Duplicate**

This is the complete duplicate analysis of a sample from the process batch. The sample selected should be one where the analyte concentration is easily measurable.

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria. Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction. Spikes for Physical and Aggregate Tests are not applicable. For VOCs in water samples, three vials are required for duplicate or spike analysis.

General Acceptance Criteria (GAC) - Analyte specific criteria applies for some analytes and is reflected in QC recovery tables.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% - see ELN-P05 QAQC tables for details (available on request); <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase. Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was typically insufficient in order to satisfy laboratory QA/QC protocols.

## Miscellaneous Information

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached. We have taken the sampling date as being the date received at the laboratory.

Two significant figures are reported for the majority of tests and with a high degree of confidence, for results <10*PQL, the second significant figure may be in doubt i.e. has a relatively high degree of uncertainty and is provided for information only.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS where sediment/solids are included by default.

Urine Analysis - The BEI values listed are taken from the 2022 edition of *TLVs and BEIs Threshold Limits by ACGIH*.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volume(s) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

# Data Quality Assessment Summary MGE0149

## Client Details

| | |
|---|---|
| **Client** | JBS & G Australia Pty Ltd (Brisbane) |
| **Your Reference** | QLD_0861_PFASOMP_25 |
| **Date Issued** | 09/05/2025 |

## Recommended Holding Time Compliance

No recommended holding time exceedances

## Quality Control and QC Frequency

| QC Type | Compliant | Details |
|---|---|---|
| Blank | Yes | No Outliers |
| LCS | Yes | No Outliers |
| Duplicates | Yes | No Outliers |
| Matrix Spike | Yes | No Outliers |
| Surrogates / Extracted Internal Standards | Yes | No Outliers |
| QC Frequency | Yes | No Outliers |

Surrogates/Extracted Internal Standards, Duplicates and/or Matrix Spikes are not always relevant/applicable to certain analyses and matrices. Therefore, said QC measures are deemed compliant in these situations by default. See Laboratory Acceptance Criteria for more information

# Data Quality Assessment Summary MGE0149

## Recommended Holding Time Compliance

| Analysis | Sample Number(s) | Date Sampled | Date Extracted | Date Analysed | Compliant |
|---|---|---|---|---|---|
| PFAS EXT-ISTD \| Water | 4 | 01/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 5 | 02/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 1 | 29/04/2025 | 08/05/2025 | 08/05/2025 | Yes |
| | 2-3 | 30/04/2025 | 08/05/2025 | 09/05/2025 | Yes |
| PFAS-Extended \| Water | 4 | 01/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 5 | 02/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 1 | 29/04/2025 | 08/05/2025 | 08/05/2025 | Yes |
| | 2-3 | 30/04/2025 | 08/05/2025 | 09/05/2025 | Yes |

# Quality Control MGE0149

## ORG-029|PFAS Extended List (Water) | Batch BGE1348

| Analyte | Units | PQL | Blank | DUP1<br>BGE1348-DUP1#<br>Samp \| QC \| RPD % | LCS % | Spike %<br>MGE0149-01 |
|---|---|---|---|---|---|---|
| Perfluorobutanesulfonic acid (PFBS) | µg/L | 0.010 | <0.010 | 0.0150 \| 0.0153 \| [NA] | 113 | 103 |
| Perfluoropentanesulfonic acid (PFPeS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 116 | 110 |
| Perfluorohexanesulfonic acid (PFHxS) | µg/L | 0.010 | <0.010 | 0.0279 \| 0.0318 \| [NA] | 107 | 109 |
| Perfluoroheptanesulfonic acid (PFHpS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 117 | 112 |
| Perfluorooctanesulfonic acid (PFOS) | µg/L | 0.010 | <0.010 | 0.0946 \| 0.105 \| 10.1 | 108 | 111 |
| Perfluorodecanesulfonic acid (PFDS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 123 | 109 |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 112 | 111 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.020 | <0.020 | 0.0284 \| 0.0263 \| [NA] | 115 | 112 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.010 | <0.010 | 0.0452 \| 0.0449 \| [NA] | 111 | 109 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.010 | <0.010 | 0.0118 \| 0.0124 \| [NA] | 110 | 109 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.010 | <0.010 | 0.0234 \| 0.0247 \| [NA] | 115 | 114 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 110 | 107 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 105 | 111 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 118 | 103 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 101 | 102 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 97.8 | 106 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.50 | <0.50 | <0.50 \| <0.50 \| [NA] | 128 | 121 |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 117 | 115 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.010 | <0.010 | 0.0124 \| 0.0133 \| [NA] | 105 | 106 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 128 | 123 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 106 | 92.6 |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 110 | 106 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 116 | 109 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 111 | 115 |
| N-Methyl perfluorooctane sulfonamidoethanol | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 120 | 121 |
| N-Ethyl perfluorooctane sulfonamidoethanol | µg/L | 0.50 | <0.50 | <0.50 \| <0.50 \| [NA] | 114 | 108 |
| N-Methyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 109 | 120 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 109 | 105 |
| *Surrogate 13C8 PFOS* | % | | *103* | *104 \| 99.6* | *101* | *99.1* |
| *Surrogate 13C2 PFOA* | % | | *99.5* | *99.4 \| 97.8* | *99.0* | *98.6* |
| *Extraction Internal Standard 13C3 PFBS* | % | | *94.1* | *92.0 \| 93.8 \| 1.89* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 18O2 PFHxS* | % | | *92.0* | *94.9 \| 96.1 \| 1.28* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFOS* | % | | *86.1* | *88.2 \| 90.6 \| 2.69* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFBA* | % | | *94.5* | *70.8 \| 72.5 \| 2.43* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C3 PFPeA* | % | | *95.8* | *89.8 \| 92.9 \| 3.41* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFHxA* | % | | *94.1* | *91.5 \| 92.2 \| 0.860* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFHpA* | % | | *93.6* | *98.0 \| 97.7 \| 0.306* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFOA* | % | | *96.9* | *96.4 \| 99.9 \| 3.58* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C5 PFNA* | % | | *95.8* | *96.5 \| 97.0 \| 0.537* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFDA* | % | | *91.9* | *90.2 \| 97.8 \| 8.13* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFUnDA* | % | | *93.0* | *87.5 \| 85.6 \| 2.15* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFDoDA* | % | | *98.6* | *95.0 \| 102 \| 7.05* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFTeDA* | % | | *79.3* | *71.0 \| 81.9 \| 14.3* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 4:2FTS* | % | | *83.0* | *92.8 \| 103 \| 10.7* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 6:2FTS* | % | | *89.8* | *109 \| 104 \| 5.15* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 8:2FTS* | % | | *82.0* | *94.0 \| 91.8 \| 2.40* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C8 FOSA* | % | | *101* | *97.6 \| 98.0 \| 0.440* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d3 N MeFOSA* | % | | *97.5* | *91.7 \| 99.6 \| 8.27* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d5 N EtFOSA* | % | | *96.4* | *85.4 \| 96.8 \| 12.6* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d7 N MeFOSE* | % | | *92.6* | *88.6 \| 91.4 \| 3.06* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d9 N EtFOSE* | % | | *95.0* | *96.8 \| 98.4 \| 1.67* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d3 N MeFOSAA* | % | | *100* | *102 \| 97.8 \| 3.83* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d5 N EtFOSAA* | % | | *75.3* | *77.9 \| 84.6 \| 8.27* | *[NA]* | *[NA]* |

# The QC reported was not specifically part of this workorder but formed part of the QC process batch.

Envirolab Groundwater

# Chain of Custody

JBS&G

PROJECT NO (Esdat Ref.): QLD_0861_PFASOMP_25
PROJECT NAME: DoD Amberley OMP 2025
DATE NEEDED BY: Standard TAT
PHONE: [redacted]
SEND REP
SEND INV

LABORATORY BATCH NO.:
SAMPLERS: [redacted]
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
**Standard LOR**

P/S fwd to Envirolab

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | E08540 | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0861_QC201_250428 | Water | 28/4/25 | | 1 x bottle | | X | | | |
| 2 | 0861_QC202_250429 | " | 29/4/25 | | " | | " | | | |
| 3 | 0861_QC206_250501 | | 1/5/25 | | | | | | | |

Envirolab Services
25 Research Drive
Croydon South VIC 3136
Ph: (03) 9763 2500

Job No: MQE0150
Date Received: 8/5/25
Time Received: 08:25
Received By: [redacted]
Temp: Cool/Ambient 8.3°
Cooling: Ice/Icepack
Security: Intact/Broken/None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: [redacted] DATE: 2/5/2025 | CONSIGNMENT NOTE NO. | NAME: [redacted] 15.1 | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS& [redacted] | TRANSPORT CO. | DATE: 08/05/2025 07:00 | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | OF: ENVIROLAB BRIS<br>NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

RECEIVED WITH BLUE ICE BRICKS

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**Envirolab Services Pty Ltd**
**ABN 37 112 535 645 - 002**
[redacted]
melbourne@envirolab.com.au
www.envirolab.com.au

# Certificate of Analysis MGE0150

## Client 9etails

| | |
|---|---|
| **Client** | JBS & G Australia Pty Ltd (Brisbane) |
| **Contact** | [redacted] |
| **Address** | [redacted] |

## SaDmle 9etails

| | |
|---|---|
| **poYr ueference** | QLD_0861_PFASOMP_25 |
| **NYDber of SaDmles** | 3 Water |
| **9ate SaDmles ueceived** | 08/05/2025 |
| **9ate RnstrYctions ueceived** | 08/05/2025 |

## Analysis 9etails

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for soils and on an as received basis for other matrices.

## uemort 9etails

| | |
|---|---|
| **9ate uesYlts ueIYested by** | 14/05/2025 |
| **9ate of RssYe** | 09/05/2025 |

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**Accredited for coDmliance q itwRSh OREC 17025/. ests not covered by NA. A are denoted q itwT/**

## AYtworisation 9etails

| | |
|---|---|
| **uesYlts Ammroved By** | [redacted] Senior Chemist |
| **Laboratory Mana*er** | [redacted] |

## SaDmles in twis uemort

| Envirolab R9 | SaDmle R9 | Matrig | 9ate SaDmled | 9ate ueceived |
|---|---|---|---|---|
| MGE0150-01 | 0861_QC201_250428 | Water | 28/04/2025 | 08/05/2025 |
| MGE0150-02 | 0861_QC202_250429 | Water | 29/04/2025 | 08/05/2025 |
| MGE0150-03 | 0861_QC206_250501 | Water | 01/05/2025 | 08/05/2025 |

# Certificate of Analysis MGE0150

## PxAS Egtended List F( aterW

| Envirolab R9 poYr ueference | ) nits | PUL | MGE0150-01 0861_QC201_2 50428 | MGE0150-02 0861_QC202_2 50429 | MGE0150-03 0861_QC206_2 50501 |
|---|---|---|---|---|---|
| 9ate SaD mled | | | 28/04/2025 | 29/04/2025 | 01/05/2025 |
| Perfluorobutanesulfonic acid (PFBS) | µg/L | 0.010 | 5.5 | 0.76 | <0.010 |
| Perfluoropentanesulfonic acid (PFPeS) | µg/L | 0.010 | 5.8 | 0.80 | <0.010 |
| Perfluorohexanesulfonic acid (PFHxS) | µg/L | 0.010 | 21 | 5.0 | <0.010 |
| Perfluoroheptanesulfonic acid (PFHpS) | µg/L | 0.010 | 0.51 | 0.33 | <0.010 |
| Perfluorooctanesulfonic acid (PFOS) | µg/L | 0.010 | 0.60 | 4.0 | <0.010 |
| Perfluorodecanesulfonic acid (PFDS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.020 | 1.5 | 0.19 | <0.020 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.020 | 1.9 | 0.18 | <0.020 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.010 | 12 | 0.99 | <0.010 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.010 | 2.4 | 0.16 | <0.010 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.010 | 2.7 | 0.26 | <0.010 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.010 | <0.010 | <0.010 | <0.010 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.050 | <0.050 | <0.050 | <0.050 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.50 | <0.50 | <0.50 | <0.50 |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.010 | <0.010 | <0.010 | <0.010 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.010 | <0.010 | <0.010 | <0.010 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.050 | <0.050 | <0.050 | <0.050 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.10 | <0.10 | <0.10 | <0.10 |
| N-Methyl perfluorooctane sulfonamidoethanol | µg/L | 0.050 | <0.050 | <0.050 | <0.050 |
| N-Ethyl perfluorooctane sulfonamidoethanol | µg/L | 0.50 | <0.50 | <0.50 | <0.50 |
| N-Methyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 | <0.020 |
| *Surrogate 13C8 PFOS* | % | | *103* | *97.6* | *101* |
| *Surrogate 13C2 PFOA* | % | | *102* | *96.8* | *91.9* |
| Total +ve PFHxS+PFOS | µg/L | 0.010 | 22 | 9.0 | <0.010 |
| Total +ve PFOA+PFOS | µg/L | 0.010 | 3.3 | 4.3 | <0.010 |
| Total +ve PFAS | µg/L | 0.010 | 54 | 13 | <0.010 |
| *Extraction Internal Standard 13C3 PFBS* | % | | *84.6* | *89.2* | *93.4* |
| *Extraction Internal Standard 18O2 PFHxS* | % | | *75.6* | *89.9* | *89.4* |
| *Extraction Internal Standard 13C4 PFOS* | % | | *88.1* | *89.6* | *87.7* |
| *Extraction Internal Standard 13C4 PFBA* | % | | *72.9* | *89.3* | *85.9* |
| *Extraction Internal Standard 13C3 PFPeA* | % | | *74.6* | *89.3* | *85.6* |
| *Extraction Internal Standard 13C2 PFHxA* | % | | *67.4* | *87.3* | *87.9* |
| *Extraction Internal Standard 13C4 PFHpA* | % | | *73.7* | *88.7* | *94.7* |
| *Extraction Internal Standard 13C4 PFOA* | % | | *87.0* | *95.5* | *98.0* |
| *Extraction Internal Standard 13C5 PFNA* | % | | *90.3* | *89.2* | *93.2* |

## PxAS Egtended List F( aterW

| Envirolab R9 poYr ueference 9ate SaD mled | ) nits | PUL | MGE0150-01 0861_QC201_2 50428 28/04/2025 | MGE0150-02 0861_QC202_2 50429 29/04/2025 | MGE0150-03 0861_QC206_2 50501 01/05/2025 |
|---|---|---|---|---|---|
| *Extraction Internal Standard 13C2 PFDA* | % | | *90.8* | *91.1* | *98.0* |
| *Extraction Internal Standard 13C2 PFUnDA* | % | | *79.6* | *84.4* | *85.4* |
| *Extraction Internal Standard 13C2 PFDoDA* | % | | *97.2* | *98.9* | *100* |
| *Extraction Internal Standard 13C2 PFTeDA* | % | | *71.6* | *75.9* | *76.2* |
| *Extraction Internal Standard 13C2 4:2FTS* | % | | *56.8* | *80.1* | *74.4* |
| *Extraction Internal Standard 13C2 6:2FTS* | % | | *72.0* | *83.8* | *81.4* |
| *Extraction Internal Standard 13C2 8:2FTS* | % | | *81.8* | *81.3* | *95.3* |
| *Extraction Internal Standard 13C8 FOSA* | % | | *95.0* | *98.5* | *99.5* |
| *Extraction Internal Standard d3 N MeFOSA* | % | | *93.4* | *93.6* | *102* |
| *Extraction Internal Standard d5 N EtFOSA* | % | | *88.2* | *88.7* | *87.9* |
| *Extraction Internal Standard d7 N MeFOSE* | % | | *89.3* | *93.2* | *87.5* |
| *Extraction Internal Standard d9 N EtFOSE* | % | | *95.5* | *97.0* | *94.6* |
| *Extraction Internal Standard d3 N MeFOSAA* | % | | *92.3* | *99.4* | *97.2* |
| *Extraction Internal Standard d5 N EtFOSAA* | % | | *72.6* | *77.1* | *74.2* |

## Metwod SYD D ary

| Metwod R9 | Metwodolo*y SYD D ary |
|---|---|
| ORG-029 | Soil/solid and sorbent samples are extracted with basified Methanol. Waters and soil/sorbent extracts are directly injected and/or concentrated/extracted using SPE. TCLP/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3. Analysis is undertaken with LC-MSMS. PFAS results include the sum of branched and linear isomers where applicable. Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components. Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

## uesYlt 9efinitions

| Rdentifier | 9escrintion |
|---|---|
| Nu | Not reported |
| NEPM | National Environment Protection Measure |
| NS | Not specified |
| LCS | Laboratory Control Sample |
| uP9 | Relative Percent Difference |
| Q | Greater than |
| > | Less than |
| PUL | Practical Quantitation Limit |
| RNS | Insufficient sample for this test |
| NA | Test not required |
| N. | Not tested |
| 9hL | Samples rejected due to particulate overload (air filters only) |
| ux9 | Samples rejected due to filter damage (air filters only) |
| u)9 | Samples rejected due to uneven deposition (air filters only) |
| << | Indicates a laboratory acceptance criteria outlier, for further details, see Result Comments and/or QC Comments |

## UYality Control 9efinitions

**Blan#**

This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, and is determined by processing solvents and reagents in exactly the same manner as for samples.

**SYrro*ate Sni#e**

Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

**LCS FLaboratory Control SaD nleW**

This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

**Matrig Sni#e**

A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

**9Ynlicate**

This is the complete duplicate analysis of a sample from the process batch. The sample selected should be one where the analyte concentration is easily measurable.

## Laboratory Accentance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria. Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction. Spikes for Physical and Aggregate Tests are not applicable. For VOCs in water samples, three vials are required for duplicate or spike analysis.

General Acceptance Criteria (GAC) - Analyte specific criteria applies for some analytes and is reflected in QC recovery tables.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% - see ELN-P05 QAQC tables for details (available on request); <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase. Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was typically insufficient in order to satisfy laboratory QA/QC protocols.

## MiscellaneoYs RnforD ation

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached. We have taken the sampling date as being the date received at the laboratory.

Two significant figures are reported for the majority of tests and with a high degree of confidence, for results <10*PQL, the second significant figure may be in doubt i.e. has a relatively high degree of uncertainty and is provided for information only.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS where sediment/solids are included by default.

Urine Analysis - The BEI values listed are taken from the 2022 edition of *TLVs and BEIs Threshold Limits by ACGIH*.

Air volumes are typically provided by customers (often as flow rate(s) and sampling time(s) and/or simply volume(s) sampled or exposure times (determines 'volume' passive badges are exposed to)). Hence in such circumstances the volume measurement is inevitably not covered by Envirolab's NATA accreditation. An exception may occur where Envirolab Newcastle does the sampling where accreditation exists for certain types of sampling and hence volume determination(s). Note air volumes are often used to determine concentrations for dust and/or analyses on filters, sorbents and in impingers. For canister sampling, the air volume is covered by Envirolab's NATA accreditation.

# 9ata UYality AssessD ent SYD D ary MGE0150

## Client 9etails

| | |
|---|---|
| **Client** | JBS & G Australia Pty Ltd (Brisbane) |
| **poYr ueference** | QLD_0861_PFASOMP_25 |
| **9ate RssYed** | 09/05/2025 |

## uecoD D ended koldin* . iD e CoD mliance

No recommended holding time exceedances

## UYality Control and UC xreI Yency

| UC . yme | CoD mliant | 9etails |
|---|---|---|
| Blank | Yes | No Outliers |
| LCS | Yes | No Outliers |
| Duplicates | Yes | No Outliers |
| Matrix Spike | Yes | No Outliers |
| Surrogates / Extracted Internal Standards | Yes | No Outliers |
| QC Frequency | Yes | No Outliers |

Surrogates/Extracted Internal Standards, Duplicates and/or Matrix Spikes are not always relevant/applicable to certain analyses and matrices. Therefore, said QC measures are deemed compliant in these situations by default. See Laboratory Acceptance Criteria for more information

## uecoD D ended k oldin* . iD e CoD mliance

| Analysis | SaD mle NYD berFsW | 9ate SaD mled | 9ate Egtracted | 9ate Analysed | CoD mliant |
|---|---|---|---|---|---|
| PFAS EXT-ISTD \| Water | 3 | 01/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 1 | 28/04/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 2 | 29/04/2025 | 08/05/2025 | 09/05/2025 | Yes |
| PFAS-Extended \| Water | 3 | 01/05/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 1 | 28/04/2025 | 08/05/2025 | 09/05/2025 | Yes |
| | 2 | 29/04/2025 | 08/05/2025 | 09/05/2025 | Yes |

## huG-02H|PxAS Egtended List F( aterW| BatcwBGE1348

| Analyte | ) nits | PUL | Blan# | 9) P1 BGE1348-DUP1# Samp \| QC \| RPD % | LCS % | Sni#e % BGE1348-MS1# |
|---|---|---|---|---|---|---|
| Perfluorobutanesulfonic acid (PFBS) | µg/L | 0.010 | <0.010 | 0.0150 \| 0.0153 \| [NA] | 113 | 103 |
| Perfluoropentanesulfonic acid (PFPeS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 116 | 110 |
| Perfluorohexanesulfonic acid (PFHxS) | µg/L | 0.010 | <0.010 | 0.0279 \| 0.0318 \| [NA] | 107 | 109 |
| Perfluoroheptanesulfonic acid (PFHpS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 117 | 112 |
| Perfluorooctanesulfonic acid (PFOS) | µg/L | 0.010 | <0.010 | 0.0946 \| 0.105 \| 10.1 | 108 | 111 |
| Perfluorodecanesulfonic acid (PFDS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 123 | 109 |
| Perfluorobutanoic acid (PFBA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 112 | 111 |
| Perfluoropentanoic acid (PFPeA) | µg/L | 0.020 | <0.020 | 0.0284 \| 0.0263 \| [NA] | 115 | 112 |
| Perfluorohexanoic acid (PFHxA) | µg/L | 0.010 | <0.010 | 0.0452 \| 0.0449 \| [NA] | 111 | 109 |
| Perfluoroheptanoic acid (PFHpA) | µg/L | 0.010 | <0.010 | 0.0118 \| 0.0124 \| [NA] | 110 | 109 |
| Perfluorooctanoic acid (PFOA) | µg/L | 0.010 | <0.010 | 0.0234 \| 0.0247 \| [NA] | 115 | 114 |
| Perfluorononanoic acid (PFNA) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 110 | 107 |
| Perfluorodecanoic acid (PFDA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 105 | 111 |
| Perfluoroundecanoic acid (PFUnDA) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 118 | 103 |
| Perfluorododecanoic acid (PFDoDA) | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 101 | 102 |
| Perfluorotridecanoic acid (PFTrDA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 97.8 | 106 |
| Perfluorotetradecanoic acid (PFTeDA) | µg/L | 0.50 | <0.50 | <0.50 \| <0.50 \| [NA] | 128 | 121 |
| 4:2 Fluorotelomer sulfonic acid (4:2 FTS) | µg/L | 0.010 | <0.010 | <0.010 \| <0.010 \| [NA] | 117 | 115 |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS) | µg/L | 0.010 | <0.010 | 0.0124 \| 0.0133 \| [NA] | 105 | 106 |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 128 | 123 |
| 10:2 Fluorotelomer sulfonic acid (10:2 FTS) | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 106 | 92.6 |
| Perfluorooctane sulfonamide (FOSA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 110 | 106 |
| N-Methyl perfluorooctane sulfonamide (MeFOSA) | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 116 | 109 |
| N-Ethyl perfluorooctane sulfonamide (EtFOSA) | µg/L | 0.10 | <0.10 | <0.10 \| <0.10 \| [NA] | 111 | 115 |
| N-Methyl perfluorooctane sulfonamidoethanol | µg/L | 0.050 | <0.050 | <0.050 \| <0.050 \| [NA] | 120 | 121 |
| N-Ethyl perfluorooctane sulfonamidoethanol | µg/L | 0.50 | <0.50 | <0.50 \| <0.50 \| [NA] | 114 | 108 |
| N-Methyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 109 | 120 |
| N-Ethyl perfluorooctane sulfonamidoacetic acid | µg/L | 0.020 | <0.020 | <0.020 \| <0.020 \| [NA] | 109 | 105 |
| *Surrogate 13C8 PFOS* | % | | *103* | *104 \| 99.6* | *101* | *99.1* |
| *Surrogate 13C2 PFOA* | % | | *99.5* | *99.4 \| 97.8* | *99.0* | *98.6* |
| *Extraction Internal Standard 13C3 PFBS* | % | | *94.1* | *92.0 \| 93.8 \| 1.89* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 18O2 PFHxS* | % | | *92.0* | *94.9 \| 96.1 \| 1.28* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFOS* | % | | *86.1* | *88.2 \| 90.6 \| 2.69* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFBA* | % | | *94.5* | *70.8 \| 72.5 \| 2.43* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C3 PFPeA* | % | | *95.8* | *89.8 \| 92.9 \| 3.41* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFHxA* | % | | *94.1* | *91.5 \| 92.2 \| 0.860* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFHpA* | % | | *93.6* | *98.0 \| 97.7 \| 0.306* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C4 PFOA* | % | | *96.9* | *96.4 \| 99.9 \| 3.58* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C5 PFNA* | % | | *95.8* | *96.5 \| 97.0 \| 0.537* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFDA* | % | | *91.9* | *90.2 \| 97.8 \| 8.13* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFUnDA* | % | | *93.0* | *87.5 \| 85.6 \| 2.15* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFDoDA* | % | | *98.6* | *95.0 \| 102 \| 7.05* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 PFTeDA* | % | | *79.3* | *71.0 \| 81.9 \| 14.3* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 4:2FTS* | % | | *83.0* | *92.8 \| 103 \| 10.7* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 6:2FTS* | % | | *89.8* | *109 \| 104 \| 5.15* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C2 8:2FTS* | % | | *82.0* | *94.0 \| 91.8 \| 2.40* | *[NA]* | *[NA]* |
| *Extraction Internal Standard 13C8 FOSA* | % | | *101* | *97.6 \| 98.0 \| 0.440* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d3 N MeFOSA* | % | | *97.5* | *91.7 \| 99.6 \| 8.27* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d5 N EtFOSA* | % | | *96.4* | *85.4 \| 96.8 \| 12.6* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d7 N MeFOSE* | % | | *92.6* | *88.6 \| 91.4 \| 3.06* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d9 N EtFOSE* | % | | *95.0* | *96.8 \| 98.4 \| 1.67* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d3 N MeFOSAA* | % | | *100* | *102 \| 97.8 \| 3.83* | *[NA]* | *[NA]* |
| *Extraction Internal Standard d5 N EtFOSAA* | % | | *75.3* | *77.9 \| 84.6 \| 8.27* | *[NA]* | *[NA]* |

# The QC reported was not specifically part of this workorder but formed part of the QC process batch.

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