



Ongoing Monitoring Report: 2024

HMAS Creswell and Jervis Bay Range Facility

Department of Defence

4 August 2025

→ The Power of Commitment

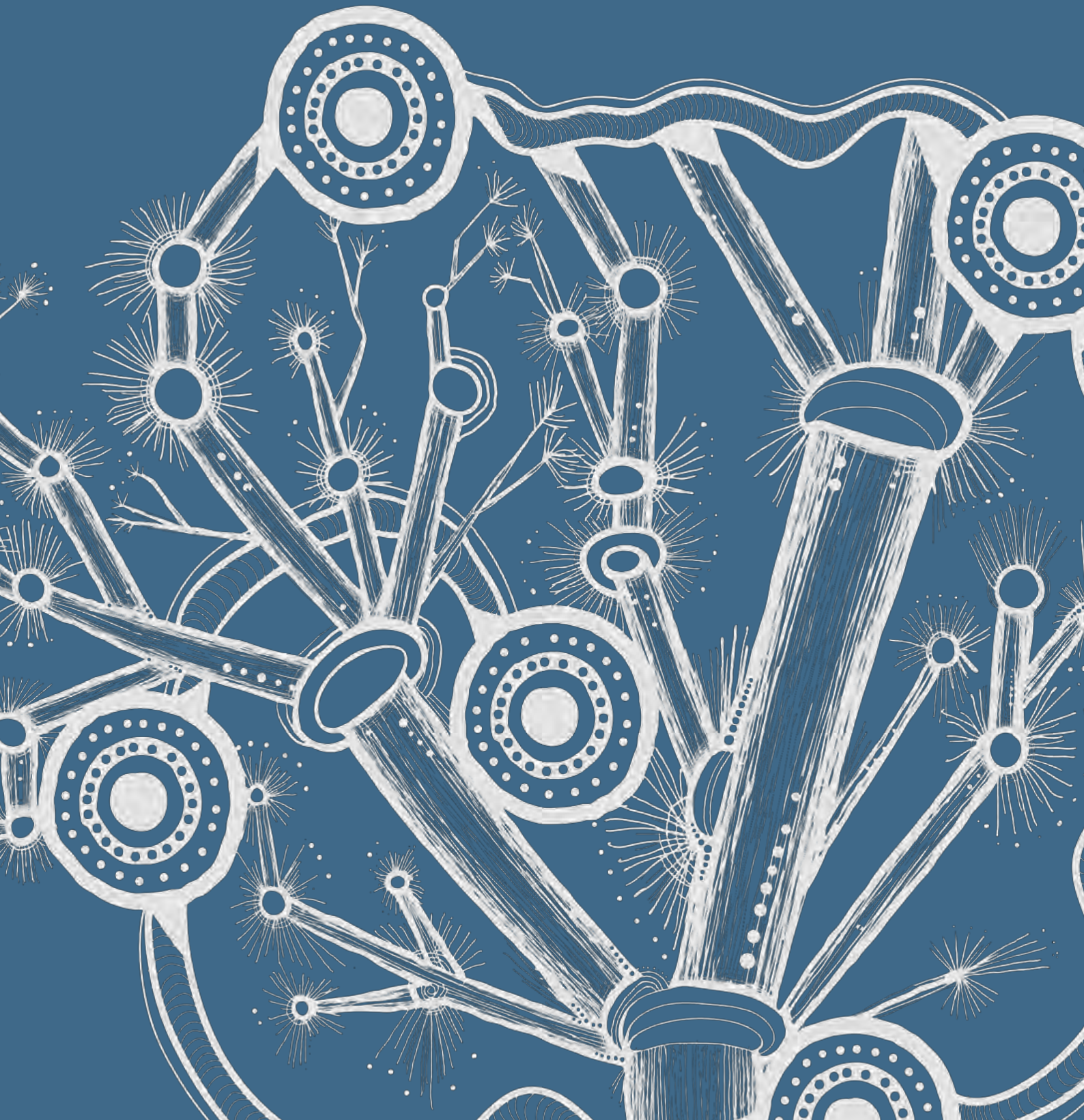
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Acknowledgement of Country

GHD acknowledges Aboriginal and Torres Strait Islander peoples as the Traditional Custodians of the land, water and sky throughout Australia on which we do business. We recognise their strength, diversity, resilience and deep connections to Country. We pay our respects to Elders of the past, present and future, as they hold the memories, knowledges and spirit of Australia. GHD is committed to learning from Aboriginal and Torres Strait Islander peoples in the work we do.



Executive summary

GHD Pty Ltd (GHD) has been engaged as lead consultant by the Department of Defence (Defence) to support in the management of legacy per- and poly-fluoroalkyl substances (PFAS) impacts at His Majesty's Australian Ship (HMAS) Creswell and Jervis Bay Range Facility (JBRF) (Site IDs 0020 and 0021 respectively). This includes the implementation of the PFAS Management Area plan (PMAP) (Defence, 2020) and the surrounding lands that form part of the PMAP 'Management Area'. HMAS Creswell and JBRF are both located within the Jervis Bay Territory (JBT), and are collectively referred to as 'the site'. The PMAP (Defence, 2020) outlines measures for managing risks to human health and the environment from PFAS contamination associated with the site and Management Area. The PFAS Ongoing Monitoring Plan (OMP) forms part of the PMAP, and outlines the PFAS monitoring requirements for the site and off-site areas within the Management Area.

The objectives of the OMP (Defence, 2020) are to identify and evaluate:

- Spatial and temporal (including seasonal) variability of PFAS in the environment.
- Changes to PFAS concentrations at the sources, transport pathways and/or receptor (ie. the conceptual site model [CSM]) outside of those applied in prior risk assessments for the site.
- Whether the identified changes (if any) trigger an action and/or review of risk management decisions by Defence and Government agencies to protect human health and the environment.

The purpose of this Ongoing Monitoring Report (OMR) is to assess and interpret the PFAS data and other information collected for the site over the 2024 monitoring period, to address the objectives of the OMP. The site risk profile is determined based on PFAS impacts at the site, and with respect to the human health risk assessment (HHRA, (GHD, 2019b)) and ecological risk assessment (ERA, (GHD, 2020a)) outcomes. Both the HHRA and ERA identified potentially unacceptable risk to human and ecological receptors for some exposure pathways, which are now considered under the site PMAP (Defence, 2020). Changes in the site risk profile would indicate that a revision of the PMAP may be required.

As per the 2020 PMAP and OMP, two scheduled OMP sampling events were completed in April and October 2024. To assess potential changes in PFAS risk profile at the site, data collected as part of the OMP and evaluated in this report was assessed using trend analysis (linear line of best fit and box and whisker plots) and by comparison of concentrations to 'performance measures' selected based on the CSM. The performance measures are specific to each of the seven surface water catchments and two infrastructure tank groups in the Management Area.

The assessment of monitoring data collected as part of the OMP has identified changes in PFAS concentrations in groundwater, surface water, tank infrastructure water and sediment at individual locations over time in various catchment areas, some of which also exceed adopted performance measures. Further detailed assessment of these reported changes has concluded the following per catchment area:

- Mary Creek – No increasing PFAS concentrations trends were reported at 'pathway' or 'receptor' locations for perfluorooctanesulfonic acid + perfluorohexane sulfonate (PFOS+PFHxS) in either groundwater or surface water. A decrease in PFOS+PFHxS concentrations was identified in two groundwater locations. Two 'pathway' groundwater locations continued to exceed the performance measure for a recreational exposure pathway. A strong increasing trend for PFOS was identified at one groundwater location. Based on further detailed assessment of the locations exceeding performance measure and/or with increasing trends, and the isolated nature of the exceedances within the broader catchment, PFAS concentrations are considered consistent with previous OMR, and the risk profile identified in the PMAP/OMP (Defence, 2020) has not altered. Precautionary advice remains in place for Mary Creek, closing Mary Creek for all uses.
- Flatrock Creek – Of the 15 groundwater wells sampled, a strong decreasing trend for PFOS+PFHxS was calculated in two wells, and a strong increasing trend calculated in two wells. However, the PFOS+PFHxS concentrations were within the range of historical data. A strong trend in PFOS concentrations was calculated at six locations (five groundwater and one surface water). One surface water (out of 13) and three groundwater locations exceeded the adopted recreational performance criteria. The risk profile for the recreational and consumption of biota exposure pathways, as well as for ecological receptors, is consistent with previous PMAP/OMP (Defence, 2020), with potential change being primarily located in the upper reaches

of the catchment. There were no new exceedances, and some locations were observed to have an overall downward concentration trend in recent monitoring events. Precautionary advice that collecting and eating of seafood from this catchment should be avoided remains in place.

- Captains Lagoon – One ‘pathway’ groundwater location was determined to have a strong decreasing trend in PFOS+PFHxS concentrations, and four groundwater locations and one surface water location exceeded the adopted performance measure for a recreational exposure pathway (though no strong trends were identified in these locations). The PFOS+PFHxS concentrations were within the range of historical data. No strong trends in PFOS concentrations were identified. The PFAS concentrations are considered consistent with the previous OMR, such that the overall catchment risk profile identified in the PMAP/OMP (Defence, 2020) has not altered. Precautionary advice that collecting and eating of seafood from this catchment should be avoided remains in place.
- Summercloud Creek - There were no exceedances of the recreational performance measure for either groundwater or surface water, however the concentration of PFOS exceeded the ecological performance measure at two groundwater locations, with a strong increasing trend identified for PFOS at one of these locations. A strong increasing trend for PFOS+PFHxS was calculated for one groundwater location. However based on further assessment of these locations, and the singular nature of the trend, PFAS concentrations are considered consistent with the previous OMR, such that the overall catchment risk profile for human health and ecology identified in the PMAP/OMP (Defence, 2020) has not altered. Precautionary advice that collecting and eating of seafood from this catchment should be avoided remains in place.
- Telegraph Creek - There were no exceedances of the adopted performance measures in the most recent monitoring data, and no strong concentration trends were reported. The PFOS+PFHxS concentrations were within the range of historical data. PFAS concentrations are therefore considered consistent with the previous OMR, such that the overall catchment risk profile identified in the PMAP/OMP (Defence, 2020) has not altered.
- The Lakes - There were no exceedances of the adopted performance measures in the most recent monitoring data, and no strong concentration trends were reported. The PFOS+PFHxS concentrations were within the range of historical data. PFAS concentrations are therefore considered consistent with the previous OMR, such that the overall catchment risk profile identified in the PMAP/OMP (Defence, 2020) has not altered.
- Clay Pools (sub catchment) - There were no exceedances of the ecological or recreational performance measures, and no strong trends for PFOS+PFHxS or PFOS were identified. The adopted performance measure for the consumption of biota (PFOS+PFHxS > LOR [0.01 ug/L]) was exceeded in two of the five surface water samples, however based on further assessment, the overall human health risk profile for the consumption of biota exposure pathway is consistent with previous assessments. A potential change in the risk profile associated with the consumption and ceremonial use of sediments at the Clay Pools was identified, using the HHRA exposure point concentration (0.0014 mg/kg of PFAS (sum of total)) as the performance measure (noting that adoption of this performance measure is a conservative approach). An exceedance of the performance measure has occurred in five of the six monitoring locations at least once since implementation of the OMP. There are no formal administrative controls in place at the Clay Pools.
- Bhewerre Peninsula - No strong concentration trends were reported for either PFOS+PFHxS or PFOS in groundwater or surface water. The PFOS+PFHxS concentrations were within the range of historical data. PFAS concentrations are therefore considered consistent with the previous OMR, such that the overall catchment risk profile identified in the PMAP/OMP (Defence, 2020) has not altered.
- Infrastructure tanks: RAN SSSS - PFAS concentrations are consistent with previous assessment outcomes, such that the overall risk profile identified in the PMAP/OMP (Defence, 2020) has not altered.

There has been no reported water and land use changes within the Management Area during this monitoring period, though there are a number of large scale civil infrastructure projects occurring across the site (both JBRF and HMAS Creswell). Monitoring location 0020_SW054 (located in Flatrock Creek catchment) has reported a strong upward trend of PFOS concentrations which may be associated with the temporary stockpiling of excavated soils associated with civil works in the area. The temporary stockpiling area erosion and sediment control measures shall be reviewed to ensure that potentially impacted soils and surface water runoff are not contributing to the increasing trend observed at 0020_SW054.

This report is subject to, and must be read in conjunction with, the scope and limitations set out in Section 1 and the assumptions and qualifications contained throughout the Report.

Abbreviations

General

Abbreviation	Details
ADWG	Australian Drinking Water Guidelines
AECs	Areas of environmental concern
AFFF	Aqueous film forming foams
AHD	Australian Height Datum
ANZG	Australian and New Zealand Guidelines
BNP	Booderee National Park
BoM	Bureau of Meteorology
COPC	Contaminants of potential concern
CRAT	Defence Contamination Risk Assessment Tool
CSM	Conceptual Site Model
CSR	Contaminated site register
DCMM	Defence Contamination Management Manual
DoH	Department of Health
DSI	Detailed site investigation
EPA	Environment Protection Authority
EPC	Exposure point concentration
ERA	Ecological Risk Assessment
FFTA	Former Fire Training Area
FSANZ	Food Standards Australia and New Zealand
HATS	Helicopter Aircrew Training System
HEPA	Heads of Environment Protection Authorities
HHRA	Human Health Risk Assessment
HMAS	His Majesty's Australian Ship
IMW	Intrusive maintenance workers
JBMP	Jervis Bay Marine Park
JBRF	Jervis Bay Range Facility
JBT	Jervis Bay Territory
JBTA	Jervis Bay Territory Administration
LNAPL	Light non-aqueous phase liquid
LOR	Limit of reporting
NAPMP	National Airfield Pavement Maintenance Program
NEMP	PFAS National Environmental Management Plan Version 3.0 (2025)
NEPC	National Environment Protection Council
NEPM	National Environment Protection (Assessment of Site Contamination) Amendment Measure 2013
NHMRC	National Health and Medical Research Council
OMP	Ongoing Monitoring Plan

Abbreviation	Details
OMR	Ongoing Monitoring Report
PMAP	PFAS management area plan
QA/QC	Quality assurance / quality control
RAN	Royal Australian Navy
RAN SSSS	Royal Australian Navy (RAN) School of Ship Survivability and Safety (SSSS)
SAQP	Sampling analysis quality plan
SDSI	Supplementary Detailed Site Investigation
SEI	Supplementary Environmental Investigation
SFARP	So Far As Reasonably Practicable
SHE	Standard Hydrogen Electrode
SPR	Source pathway receptor
STP	Sewage Treatment Plant
WBACC	Wreck Bay Aboriginal Community Council
WTP	Water Treatment Plant

Chemical

Abbreviation	Details
ASS	Acid sulfate soils
PFAS	Per- and Poly – fluorinated substances
PFHxS	Perfluorohexane sulfonate
PFOS	Perfluorooctanesulfonic acid
PFOA	Perfluorooctanoic acid

Units

Units	Term
°C	Degrees Celsius
µg/L	Micrograms per litre
µS/cm	Micro siemens per centimetre
Ha	Hectares
km	Kilometre
L	Litre
m	Metre
mm	Millimetre
mg/L	Milligrams per litre
mAHD	Metres Australian Height Datum
m bgl	Metres below ground level
m bTOC	Metres below top of casing
mV	Milli-Volts

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1. Introduction

GHD Pty Ltd (GHD) has been engaged as lead consultant by the Department of Defence (Defence) to support in the management of legacy per- and poly-fluoroalkyl substances (PFAS) impacts at His Majesty's Australian Ship (HMAS) Creswell and Jervis Bay Range Facility (JBRF) (Site IDs 0020 and 0021 respectively). This includes the implementation of the PFAS Management Area plan (PMAP) (Defence, 2020) and the surrounding lands that form part of the PMAP 'Management Area'. HMAS Creswell and JBRF are both located within the Jervis Bay Territory (JBT), and are collectively referred to as 'the site'. The location of the site and Management Area is shown in Figure 1, Appendix A.

The PMAP (Defence, 2020) outlines measures for managing risks to human health and the environment from PFAS contamination associated with the site and Management Area. The PFAS Ongoing Monitoring Plan (OMP) forms part of the PMAP, and outlines the PFAS monitoring requirements for the site and off-site areas within the Management Area.

As per the 2020 PMAP and OMP, the two scheduled OMP sampling events for 2024 have been completed. The April event was completed by AECOM and the October event was completed by GHD. In order to meet to the objectives of the OMP, the monitoring was undertaken in accordance with the relevant sampling and analysis quality plans (SAQPs) (AECOM, 2024a) and (GHD, 2024b), both provided in Appendix H).

This report has been prepared in general accordance with the Defence *Ongoing Monitoring Program Reporting Guidance* issued in February 2024 (Defence, 2024) and based on monitoring data collected between December 2023 and November 2024 (herein referred to as the monitoring period).

1.1 Objectives

The objectives of the OMP (Defence, 2020) are to identify and evaluate:

- Spatial and temporal (including seasonal) variability of PFAS in the environment.
- Changes to PFAS concentrations at the sources, transport pathways and/or receptor (ie. the conceptual site model [CSM]) outside of those applied in prior risk assessments for the site.
- Whether the identified changes (if any) trigger an action and/or review of risk management decisions by Defence and Government agencies to protect human health and the environment.

The purpose of this Ongoing Monitoring Report (OMR) is to assess and interpret the PFAS data and other information collected for the site to address the objectives of the OMP.

1.2 Scope

The scope of works for this OMR included assessing spatial and temporal changes to the distribution of PFAS over the monitoring period, and if these changes have implications for the understanding of the CSM and the site risk profile. The site risk profile is determined based on PFAS impacts at the site and with respect to the human health risk assessment (HHRA, (GHD, 2019b)) and ecological risk assessment (ERA, (GHD, 2020a)) outcomes.

The scope of work undertaken as part of the OMP was biannual (twice per year, April and October 2024) environmental sampling carried out in the Management Area, including surface water, sediment, groundwater and infrastructure 'tank' water at selected monitoring locations. This included the evaluation of data reported in the following factual reports:

- Sampling Event Factual Report, April 2024. PFAS OMP – Jervis Bay Range Facility and HMAS Creswell. 26 July 2024 (AECOM, 2024b).
- Sampling Event Report – October 2024. HMAS Creswell and Jervis Bay Range Facility. 23 May 2025 (GHD, 2024c)

These reports are included in Appendix I.

All data collected during the monitoring period has been compared to the historical data collected at the sampling locations.

1.3 Limitations

This report has been prepared by GHD for Department of Defence and may only be used and relied on by Department of Defence for the purpose agreed between GHD and Department of Defence as set out in section 1 of this report.

GHD otherwise disclaims responsibility to any person other than Department of Defence arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

If this report is required to be accessible in any other format, this can be provided by GHD upon request and at an additional cost if necessary.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of buildings, services and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

GHD has prepared this report on the basis of information provided by Department of Defence and others who provided information to GHD (including Government authorities)], which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

2. Site setting

2.1 Site identification

A summary of site identification details is provided in Table 1. The site locality is shown in Figure 1, Appendix A, and the site layout is provided in Figure 2, Appendix A.

Table 1 Site identification summary

Information	Details
Street Address	JBRF accessed off Jervis Bay Road, Jervis Bay, JBT 2540. HMAS Creswell accessed off College Road, Jervis Bay, JBT 2540.
Latitude and Longitude	Approximate centre of JBRF runways: -35.145799, 150.696237 Approximate centre of HMAS Creswell Base: -35.128741, 150.706023
Site Area	JBRF is approximately 313 hectares (Ha), and HMAS Creswell is approximately 274 Ha.
Military Area (Property ID)	Jervis Bay – HMAS Creswell – ACT_0020 – JBRF – ACT_0021
Local Government Area	Jervis Bay Territory
Traditional custodians	Koori people, now primarily represented by the Wreck Bay Aboriginal Community

2.2 PFAS Management Area

For the purpose of determining the physical extent of management actions to be undertaken by Defence, a 'PFAS Management Area' is required to outline the extent of Defence's anticipated involvement. The PFAS Management Area is defined in the PMAP (Defence, 2020), and comprises JBRF and HMAS Creswell bases and surrounding areas, as shown on Figure 1, Appendix A.

The area has been defined based on surface water catchment areas, as the catchment areas have been demonstrated to be the primary focus areas for PFAS management associated with the site, and includes the Mary Creek catchment, Flatrock Creek catchment, Captains Lagoon catchment and Summercloud Creek. The Management Area therefore comprises onsite areas of HMAS Creswell and JBRF, as well as surrounding areas of Wreck Bay community lands and Booderee National Park.

Administrative controls to assist with managing potential PFAS exposure are currently in place in the Management Area for Mary Creek, Flatrock Creek, Captains Lagoon and Summercloud Creek, as per the PMAP (Defence, 2020). It is noted that Summercloud Creek was included in catchments with administrative controls by regulators as a precautionary measure during preparation of the PMAP.

2.3 Land use and environmental setting

Table 2 provides a summary of the site's land use and environmental setting, based on previous reports (as referenced).

Table 2 Site land use and environmental setting (on and surrounding the base)

Information	Details
Current Land Use	HMAS Creswell is an active Royal Australian Navy (RAN) base and training facility (including on-site accommodation and offices), and JBRF is an active airfield and training facility with associated infrastructure, including the RAN School of Ship Survivability and Safety (SSSS).
Surrounding land use	Land uses on and surrounding the JBRF and HMAS Creswell bases, within and surrounding the Management area, include the following per each surface water catchment area: – Captains Lagoon and Flatrock Creek: At the top of the catchment is JBRF airfield and a portion of the RAN SSSS. To the north of JBRF is Booderee National Park (including Jervis Bay Road) and Jervis Bay Village¹, followed by HMAS Creswell. To the north of HMAS Creswell is Jervis Bay (including Jervis Bay Marine Park), Hyams Beach (and village) and Vincentia residential areas. Bushland of Booderee National Park lies to the east (including Telegraph Creek, Green Patch and Iluka camping grounds) beyond which is the Pacific Ocean, as well as to the west of the site. – Mary Creek and Summercloud Creek: The RAN SSSS and a portion of the JBRF airfield is located at the top of the catchment. Wreck Bay community lands and Wreck Bay Village residential area lie south of JBRF. This area belongs to the Wreck Bay community and is referred to as ‘the 403 lands’. – The Lakes: The top of the catchment is located on the western corner of JBRF, and is predominantly remnant bushland. West of the JBRF boundary is the ‘Clay Pools’, followed by bushland of Booderee National Park (a portion of which is owned by Wreck Bay Aboriginal Community Council [WBACC], and is leased and managed by Booderee National Park), including Lake Windermere (potable water supply) and Lake McKenzie, Caves Beach, Bherwerre Barrier. Westwards beyond the Bherwerre Barrier is the estuary of St George’s Basin.
Climate	The Jervis Bay region has an oceanic climate, with the Bases located on a coastal peninsula. – Temperature: generally moderate, with the mean maximum temperature ranging from 15.6 °C to 26.4 °C (JBRF airfield station - ID 068264: 2018 to March 2023). – Rainfall: generally evenly spread throughout the year, with the highest volume of rainfall typically occurring during the month of June (mean monthly rainfall amount of 164 mm). – Wind direction is variable, both daily (morning and afternoons) and seasonally, with no discernible primary wind direction. Specific weather conditions encountered during the 2024 monitoring events are discussed in further detail in Section 3.4.
Topography and site drainage	JBRF and HMAS Creswell are located on the southern peninsula of JBT. The JBRF airfield is located on the ridgeline known as the Bherwerre Peninsula at an elevation of approximately 50 m Australian height datum (m AHD). HMAS Creswell is located on a headland between Hyams Beach and Captains Beach at an elevation of approximately 30 m AHD, on the foreshore of Jervis Bay. Surface water runoff from JBRF and HMAS Creswell is likely to flow into natural features such as creeks and lagoons via open shallow drains and underground culverts (discussed under ‘hydrology’).
Hydrology	Surface water flows at the site are noted to be complex, and variable in flow regime based on topographic and temporal changes. There is estimated to be over 20 different small catchments and creek lines, with JBRF located at the top of the catchment area on the plateau. Runoff from JBRF that travels to the north flows into Jervis Bay via incised valley creeks through HMAS Creswell from two main drainage catchments (Flatrock Creek and Captains Lagoon). JBRF also drains southwards via Mary Creek into Wreck Bay. Summercloud Creek is located to the east of Mary Creek and drains to Summercloud Bay. These creeks are characterised by a series of swamps and wetlands, where standing water is often present. The Clay Pools (also referred to as ‘the unnamed pools’) are located south-west of JBRF runways on the south-west boundary of the Base. The Clay Pools are not currently known to be hydraulically connected to flow paths associated with the site. It is noted that surface water flows through wetland areas is not well understood. Approximate surface water catchment areas and flow paths are shown on Figure 1 and Figure 2, Appendix A.
Soil landscape	According to NSW government MinView mapping website (accessed 22 December 2024), the following stratigraphic units are encountered at the site: – JBRF: The majority of the runway areas is reportedly underlain by ‘coastal deposits’ (dune facies - marine deposited and aeolian-reworked coastal sand dunes; partially consolidated) and by ‘residual deposits’ (a weakly consolidated regolithic residuum such as soil or saprolite mostly developed in-situ as a result of advanced weathering and/or pedogenesis) in some eastern areas. An area of ‘residual deposits – ferruginous’ (principally haematite) is mapped within the southern extent of the north-south

Information	Details
	trending runway, and an area of Snapper Point Formation sandstone is mapped on the north-eastern portion of JBRF. – HMAS Creswell: The headland and ridgeline of HMAS Creswell is shown to be underlain by 'coastal deposits' (dune facies - as per above description) with outcrops of Snapper Point Formation sandstone and becoming Snapper Point Formation Sandstone at the southern extent of HMAS Creswell. The eastern and western extent of HMAS Creswell is mapped as coastal deposits (bedrock-mantling dune facies - marine-deposited and aeolian-reworked fine- to coarse-grained quartz-lithic sand with abundant carbonate, sporadic humic debris in stabilised dunes). Some alluvium (unconsolidated alluvial clay, silt, sand, and gravel deposits) is shown in the upper reaches of Captains Lagoon. The natural soil encountered within the site during the Detailed Site Investigation (DSI, (GHD, 2019a)) was generally dominated by brown/grey sands, sandy clay and clayey sands (Pleistocene sediments and Holocene sediments). The sand was generally unconsolidated and was often moist/wet at the interface with the bedrock. Most investigation locations encountering bedrock from near surface to depths of 2.5 m below ground level (m bgl).
Acid sulfate soils (ASS)	With reference to <i>The Land and Water Conservation Acid Sulfate Soil Risk Map</i> (1997), Huskisson (Tulau, M.J., 1997a) and <i>Sussex Inlet</i> (Tulau, M.J., 1997b), JBRF and HMAS Creswell are described as follows in relation to ASS: – JBRF: no known occurrences of ASS materials, and land management activities are not likely to be affected by ASS materials. – The main base areas of HMAS Creswell: no known occurrences of ASS, however there is the potential for ASS to be present around Flatrock Creek and Captains Lagoon: • The Flatrock Creek area and the north-west of the former golf course: a low probability of ASS, with ASS potentially found in an estuarine/back swamp environment and at near surface (between 0 to 1 m bgl). • Captains Lagoon: high probability of ASS in the bottom sediments, and there may be a severe environmental risk if bottom sediments are disturbed by activities such as dredging. The map also describes the area surrounding the lagoon as having a low probability of ASS. These are described as originating from both estuarine and aeolian environments, and potentially found at depths of up to 1 m bgl.
Geology	With reference to the <i>Geoscience Map of Jervis Bay Territory and Beecroft Peninsula</i> (1:25,000) (Abell, R.S., 1992), both JBRF and HMAS Creswell are underlain by the following geological units: – Quaternary, Holocene sediments – Grey-white and yellow-light brown sand. – Quaternary, Pleistocene sediments – Pale grey leached quartz sand veneering yellow-brown feldspathic sand with podzolic soil profiles. – Tertiary, Ferruginous quartz gravel. – Tertiary, White kaolinitic clay - weathered Permian dolerite. – Late Permian, Porphyritic dolerite - dykes and sills. – Early Permian, Snapper Point Formation (known locally as the Jervis Bay Sandstone, or Snapper Rock) – Quartz pebbly sandstone and minor conglomerate. Exposed sandstone and conglomerate can be observed in sections of JBRF and around the upper catchment of Mary Creek. The geology encountered during the DSI (GHD, 2019a) was consistent with the published information above. Fill material, comprising both imported and re-worked natural material, was also encountered predominantly around the JBRF facility.
Hydrogeology	Based on the results of the DSI (GHD, 2019a) and Supplementary Environmental Investigation (SEI) (GHD, 2022) reports, GHD has adopted the following terminology to describe the hydrogeological units identified at the Bases: – 'Upper aquifer' - unconfined and includes Pleistocene and Holocene sediments and the upper weathered and highly fractured portion of the Permian sandstone bedrock. Considered to be recharged by rainfall that subsequently discharges to down-gradient wetland systems and surface water. These connect to surface water drainage flowing off the plateau into incised valley systems and to the coast (both to the north or south). Discharge may also occur as seeps or stream discharge in the upper catchment where the upper aquifer is truncated on the edges of the plateau. The upper aquifer is tidally-influenced in coastal areas of HMAS Creswell. – 'Lower aquifer' - comprises the deeper, more competent bedrock of the Permian sandstones. It behaves as a fractured rock aquifer where groundwater flow is controlled by secondary features i.e. joints, faults and primary features such as bedding planes. Groundwater modelling and interpolated contours indicate an upward head gradient from the lower aquifer to the upper aquifer in coastal areas of the Bases, particularly in the vicinity of Flatrock Creek. Monitoring wells installed as part of the DSI have targeted two portions of the regional aquifer, namely:

Information	Details
	“Shallow portions of the lower aquifer” which refers to a depth of approximately five to 12 m bgl, within the upper competent sandstone bedrock formation. “Deeper portions of the lower aquifer” which refers to a depth of approximately 25 to 35 m bgl, within the deep sandstone bedrock formation. These monitoring locations (0021_MW129, 0021_MW130, 0021_MW135, 0021_136 and 0021_MW138) are located west of the JBRF area (off-site), for the purpose of assessing hydraulic connectivity of the Base with the lakes west of the Base. Groundwater flow for both aquifers is generally consistent with the topography, with highest groundwater elevations near the RAN SSSS. Groundwater flow in the upper aquifer is radial predominantly to the north, west and south, with an easterly component towards Captains Lagoon at HMAS Creswell, and is inferred to discharge to surface water features. The upper and lower aquifers are connected; however: - The reduced hydraulic conductivity of the lower aquifer relative to the upper aquifer means that groundwater flow will occur preferentially through the upper aquifer. Contaminant migration would therefore generally be restricted in the lower aquifer, except where bedrock fracturing might provide a preferential migration pathway. - The upper aquifer is not expected to be hydraulically connected to Lake McKenzie and Lake Windermere to the west of the site. - Results from some investigation locations were indicative of perched groundwater at JBRF. However, the occurrences were isolated and discontinuous.
Groundwater and surface water use	JBRF, HMAS Creswell and Wreck Bay Village are supplied with mains water from the Jervis Bay Water Treatment Plant (WTP) located east of RAN SSSS, which sources water from Lake Windermere. The supply pipe and distribution pipes are predominantly underground, and traverse Booderee National Park and JBRF to/from the WTP. GHD conducted a community survey in July 2017 (GHD, 2017) regarding groundwater and surface water use, with the following results: - All respondents use mains supplied water for drinking purposes. - No groundwater wells were reported, recorded or licenced for potable abstraction. - On occasion, some members of the community use surface water for drinking and recreational (swimming) purposes.
Sewer network	The sewer network located within JBT consists of approximately 5 km of pressure and gravity mains starting at Wreck Bay Village and terminating at the sewage treatment plant (STP) at HMAS Creswell. The sewer main passes through RAN SSSS, Jervis Bay Village and HMAS Creswell. The major main sewer line is managed by Jervis Bay Territory Administration (JBTA), and Defence is responsible for the connections and lateral mains located on the Defence estate. The STP treated effluent is pumped to the treated effluent dam on the north-western portion of the former golf course of HMAS Creswell, with water levels within the dam managed by Defence via irrigation of treated effluent across HMAS Creswell.
Ecology	Terrestrial ecology JBRF and HMAS Creswell is surrounded by Booderee National Park. Open forest and woodland comprise the majority of vegetation at HMAS Creswell (55.4% of the site). JBRF has been described as predominantly dry heath scrubland (45.7% of the site), with wet heath/sedgeland, ponds, wetlands and maintained areas comprising 33.1% of the area (SKM, 2006). GHD undertook an ecological assessment of the site in March 2021. A total of 79 terrestrial vertebrate species were recorded across the site, including threatened and migratory species. Aquatic ecology Generally speaking, aquatic habitat is limited within the footprint of JBRF and HMAS Creswell. The Clay Pools directly south of JBRF are home to a large population of eastern long neck turtles, as well as dense communities of rushes and sedges. The area contains permanent water, and so also contains a variety of macroinvertebrates such as dragonflies, caddisflies and water skaters. HMAS Creswell is located within a Special Purpose Zone of the Jervis Bay Marine Park (JBMP), which supports a wide variety of landforms and aquatic habitats. The region supports over 230 algae species, hundreds of invertebrate species and over 210 reef fish species, and sharks, rays, many marine mammals, birds and reptiles, including several threatened species.
Indigenous and historical heritage	The Aboriginal community of Wreck Bay is located south of JBRF, and the Jervis Bay area is of high heritage and cultural significance to this community. Booderee is home to the Yuin and Koori people of Wreck Bay. The Wreck Bay settlement was established by Koori people in the early 1900s. Koories favoured the area because of strong traditional and cultural ties, proximity to both the bush and the sea for the collection of food and other resources, and distance from non-Aboriginal settlements. It was decided in

Information	Details
	December 2016 to apply for Native Title, to recognise the long and ongoing connection. All areas of JBT have the potential to contain artefacts of Aboriginal heritage significance. Biosis (2020) indicates the location of potential indigenous heritage elements within the site boundaries. The first European sighting of Jervis Bay was by Captain Cook in 1770, although the bay was not named until 1791. In 1822 British settlement commenced in the Shoalhaven River valley, including land grants to notable people (such as Alexander Berry). Due to its relative isolation, Jervis Bay was not settled by colonial Australians until the mid-1800s. A lighthouse was built in the 1860s at Cape St. George and by the 1880s three boat building yards were in operation, with the last timber boat building yard only closing in 1977.
Table Notes: 1 - Jervis Bay Village is a residential community with a primary school, police station, local store and the offices of WBACC, Booderee National Park (BNP) and Jervis Bay Territory Administration (JBTA).	

2.4 PFAS source areas

Detailed environmental site investigations regarding PFAS have been undertaken since 2017, to identify the nature and extent of PFAS on, and in the vicinity of the site. The outcomes of the site assessments have identified key areas of environmental concern (AECs), which are considered to be the main PFAS source areas. The AECs have been allocated Defence Contaminated Sites Register (CSR) identification numbers, which have a risk ranking associated with each area based on the Defence Contamination Risk Assessment Tool (CRAT).

The AECs, CSR IDs, and the surface water catchment areas they are located in are outlined in Table 3, and the location of AECs and surface water catchment areas are shown on Figure 2, Appendix A. Of the eight AECs initially identified in previous investigations, only seven continue to represent PFAS source areas; there is limited evidence to suggest that AEC H is acting as a source of PFAS.

Table 3 Summary of AECs as 'known PFAS source zones' and their corresponding CSR ID

Base	AEC	Name / description	Surface water catchments area	Defence CSR ID (legacy ID)	Overall CSR Risk Ranking on CRAT	Assessment status (CRAT year of assessment)
JBRF	AEC A	Royal Australian Navy (RAN) School of Ship Survivability and Safety (SSSS) – Used for fire training exercises, which have historically used aqueous film forming foam (AFFF) containing PFAS. Ongoing secondary sources of PFAS from impacted environmental media.	- Northern portion - Captains Lagoon - Southern portion - Mary Creek	CSR_ACT_000108 (SW0026)	Very High	Stage 2 - Detailed Site Investigation
	AEC B	Wetland areas down gradient of the RAN SSSS, prior to the site boundary. Receiving water body for PFAS impacted surface water runoff, which has acted as a 'sink' and is now an ongoing secondary source area for PFAS impacts.	Mary Creek	CSR_ACT_000109 (SW0026)		
	AEC C	JBRF Former Fire Training Area (FFTA), now the parachute training school – Historically used for fire training exercises, which used and stored AFFF containing PFAS. Ongoing secondary sources from impacted environmental media. A portion of this area is occupied by the Helicopter Aircrew Training System (HATS) facility.	Captains Lagoon	CSR_ACT_000170	Not listed	Not listed

Base	AEC	Name / description	Surface water catchments area	Defence CSR ID (legacy ID)	Overall CSR Risk Ranking on CRAT	Assessment status (CRAT year of assessment)
	AEC D	Former hanger building 115, constructed using asbestos cement, that was reportedly 'exploded or demolished' over an area greater than 20 m ² . Although no information was provided during the site interviews of the DSI, it was assumed in the CSR that legacy AFFF may have been used in an emergency situation as a fire suppressant.	Captains Lagoon	CSR_ACT_000071 (SW0145)	High	Stage 1 – Preliminary Site Investigation
	AEC H	Former hydrocarbon drum disposal area 'South of Kalkarra Pad' (previously remediated) – PFAS not assessed during remediation works for the area, however waste products may have been associated with former firefighting activities at JBRF.	Flatrock Creek	CSR_ACT_000105 (SW0027)	Low	Stage 4 - Remediation / Management
HMAS Creswell	AEC E	HMAS Creswell former golf course – currently irrigated using treated effluent which contains PFAS.	Flatrock Creek	CSR_ACT_000106 (SW0035)	High	Stage 3 – Risk Assessment (2019)
	AEC F	HMAS Creswell Fire Station – historic storage and use of AFFF containing PFAS for firefighting and training purposes.	Flatrock Creek	CSR_ACT_000101 (SW0040)	High	Stage 3 – Risk Assessment (2019)
	AEC G	HMAS Creswell Sewage Treatment Plant (STP) - processes wastewater from all of JBT, including wastewater originating from JBRF, which is then stored in a treated effluent retention dam west of AEC E.	Flatrock Creek	CSR_ACT_000118 (SW0217)	High	Stage 2 – Detailed Site Investigation (2019)

PFAS has migrated away from source areas on the site via groundwater and surface water pathways and has spread throughout the Management Area. The concentration of PFAS in the broader Management Area off-site is generally lower than that recorded within the identified AECs and on site.

In addition to the surface water catchments outlined in Section 2.3, the Management Area includes three additional surface water catchment areas intersecting with and/or surrounding the site, but which do not contain any AECs (as shown on Figure 2, Appendix A):

- Telegraph Creek.
- Summercloud Creek.
- 'The Lakes', comprising the two individual catchments of Lake Windermere and Lake McKenzie. Lake McKenzie catchment contains the Clay Pools; the Clay Pools are therefore referred to as a 'sub-catchment' of the Lakes.

Apart from PFAS, other contaminants of potential concern (COPC) have been confirmed to be present at the site in some areas (such as hydrocarbons in groundwater and soil, and asbestos in soils). This OMR only considers PFAS as the primary COPC at the site and in accordance with the report objectives, however other COPC may require consideration as part of site management remediation strategies.

3. Other aspects

To achieve the OMP objectives, inform the CSM and allow assessment of the site risk profile, a review of other site aspects should be undertaken in conjunction with assessment of the monitoring data. The following subsections review other aspects of the site since the previous OMR (AECOM, 2024c) that may impact the interpretation of analytical results.

3.1 PFAS specific projects

Since the 2023 OMR, the projects outlined in Table 4 related to or including PFAS assessment and/or management have been undertaken at the site.

Table 4 Review of PFAS specific projects undertaken

Project name and description (including date range of undertaking)	Surface water catchments considered / affected	Additional analytical data available?
RAN SSSS S426 Investigation – August to October 2023 (GHD, 2023) Rainfall and training water captured within the RAN SSSS fire training concrete pad is directed to Reclaim Pit S426, which then flows into the central drainage channel and north-west (entry point is after the branch of the main drainage line). The S426 sump and training water tank was identified to be regularly overflowing, and is contributing to PFAS mass flux to Northern Catchments areas. Additional investigation has been undertaken in wet weather conditions, which cause the sump to overflow, to determine the concentrations of PFAS within surface waters entering the S426 reclaim system during a rain event (>10 mm) simulated via washdown testing.	Captains Lagoon	Yes – surface water runoff samples from washdown testing.
Temporary water treatment plants Two temporary WTPs have been constructed at JBRF, associated with RAN SSSS surface water drainage to Mary Creek: – Southern site boundary – installed November 2022 Defence installed a temporary WTP at the southern site boundary down gradient of AEC B (as reported by AECOM (2024c)) which continues to treat some of the surface water flowing into the headwaters of Mary Creek before it leaves JBRF. As of November 2024, the temporary water treatment plant has treated over 21 million litres of water. The treated output water was successfully validated prior to discharge to the headwaters of Mary Creek. – RAN SSSS – installed mid 2024 A manually operated temporary WTP operated by Veolia has been installed to treat retained water and maintain freeboard within the existing S426 reclaim pit, prior to discharge to the northern catchments drainage system. This plant is subject to output water validation.	Mary Creek Captains Lagoon	Yes – Mary Creek performance monitoring at five surface water locations for six events from Feb 2023 to Dec 2023.
RAN SSSS Drainage line assessment (OD_SSSS_CL1) – July 2024 (GHD, 2024g) Sediment and soil within the drainage channel exiting the western gate of the RAN SSSS has been investigated to inform potential future excavation and maintenance works as part of a new drainage system, including spoil management options. The drain originates within the RAN SSSS at surface water sample location 0021_SW001, which receives surface water flows originating from a variety of locations within the RAN SSSS. PFAS was detected in all soil samples (except one), at concentrations classified as Category 3 based on the PFAS Construction and Maintenance Framework (Defence, 2021).	Captains Lagoon	Yes – 15 soil investigation locations.
PMAP and OMP review – June 2024 and ongoing The 2020 PMAP and OMP are currently under review.	All	No

3.2 Other site infrastructure projects

Since the 2023 OMR, the following site infrastructure projects (not related to PFAS) have been undertaken:

- EST02003 *HMAS Creswell Mid Term Refresh Project* - commissioned by the Commonwealth to address ageing infrastructure and upgrade base-wide infrastructure at both HMAS Creswell and JBRF. GHD is aware of works occurring across HMAS Creswell and in targeted areas of JBRF throughout 2024.
- National Airfield Pavement Maintenance Program (NAPMP) (P005 project) – December 2023 to November 2024. This project involved runway and drainage upgrades at JBRF airfield by Civil Craft Pty Ltd, which produced spoil requiring management. A spoil management plan (GHD, 2024h) was generated, and the produced spoil was assessed for potential re-use on site in accordance with the Defence PFAS Construction and Maintenance Framework (Defence, 2021). Two spoil reuse PFAS risk assessments were undertaken for reuse of spoil at a 'beneficial reuse area (BRA)' at the northern end of the north/south runway to address safety compliance issues (GHD, 2024e), and at 'soil reuse areas (SRAs)' within AEC parachute training area (SRA1) and on the western side of M-N culvert (SRA2) (GHD, 2024f). Catchments that may be affected are Flatrock Creek, Captains Lagoon and Mary Creek. The project and reuse of material is not anticipated to cause changes to surface water flow paths in future, however concentrations of PFAS observed in flow paths and overall mass flux may change due to the construction activities and movement of spoil within and between catchment areas. Physical placement of the spoil for reuse had not been undertaken at the time of writing this report.

3.3 Future infrastructure projects and/or water + land use changes

No land use changes have occurred at JBRF and HMAS Creswell since the 2020 PMAP, and land use changes are not proposed to occur in future for the site (i.e. the site is anticipated to continue being used as operational Defence bases). However, localised construction works have occurred within the site boundaries since the 2020 PMAP as outlined in Section 3.1 and Section 3.2, and are planned to occur in future as outlined in Table 5. Current PFAS remediation works at the RAN SSSS and Mary Creek catchment intend to deliver infrastructure to capture and treat contaminated water (with the treated water being released to Mary Creek catchment), divert clean water away from contamination sources, and remove PFAS mass from two AECs.

There are no known changes in water or land-use within the broader Management Area.

Table 5 Review of future infrastructure, and water and land-use changes

Location	Project and description	Is there a potential to impact nature, extent and/or magnitude of PFAS concentrations?	Is there a potential change to more sensitive receptors?	Is there a potential for damage or loss of groundwater monitoring locations, and/or restricted access to monitoring points?
RAN SSSS (on-site)	Defence Project EST08997 - RAN SSSS infrastructure upgrades and Mary Creek remedial works. Includes upgrades to reclaim pit S426, replacement of the HELO trainer, drainage and hardstand upgrades, a WTP, groundwater capture and treatment, and replacement of training water tanks. Works are expected to commence in late 2025.	Yes - as remediation works, the objective of the project is to reduce the extent and magnitude of PFAS within the AEC A source zone, and PFAS migration off-site.	No	Yes – remediation and construction works are likely to destroy existing groundwater monitoring locations, however destroyed locations are intended to be re-instated as part of the remediation validation works.

3.4 Significant weather events

Rainfall data has been sourced from two Bureau of Meteorology (BoM) monitoring stations:

- Point Perpendicular (ID 068151): 10 km north-west of the site, October 2001 to 2024 (current).
- JBRF airfield station (ID 068264): on-site, 2018 to 2024 (current).

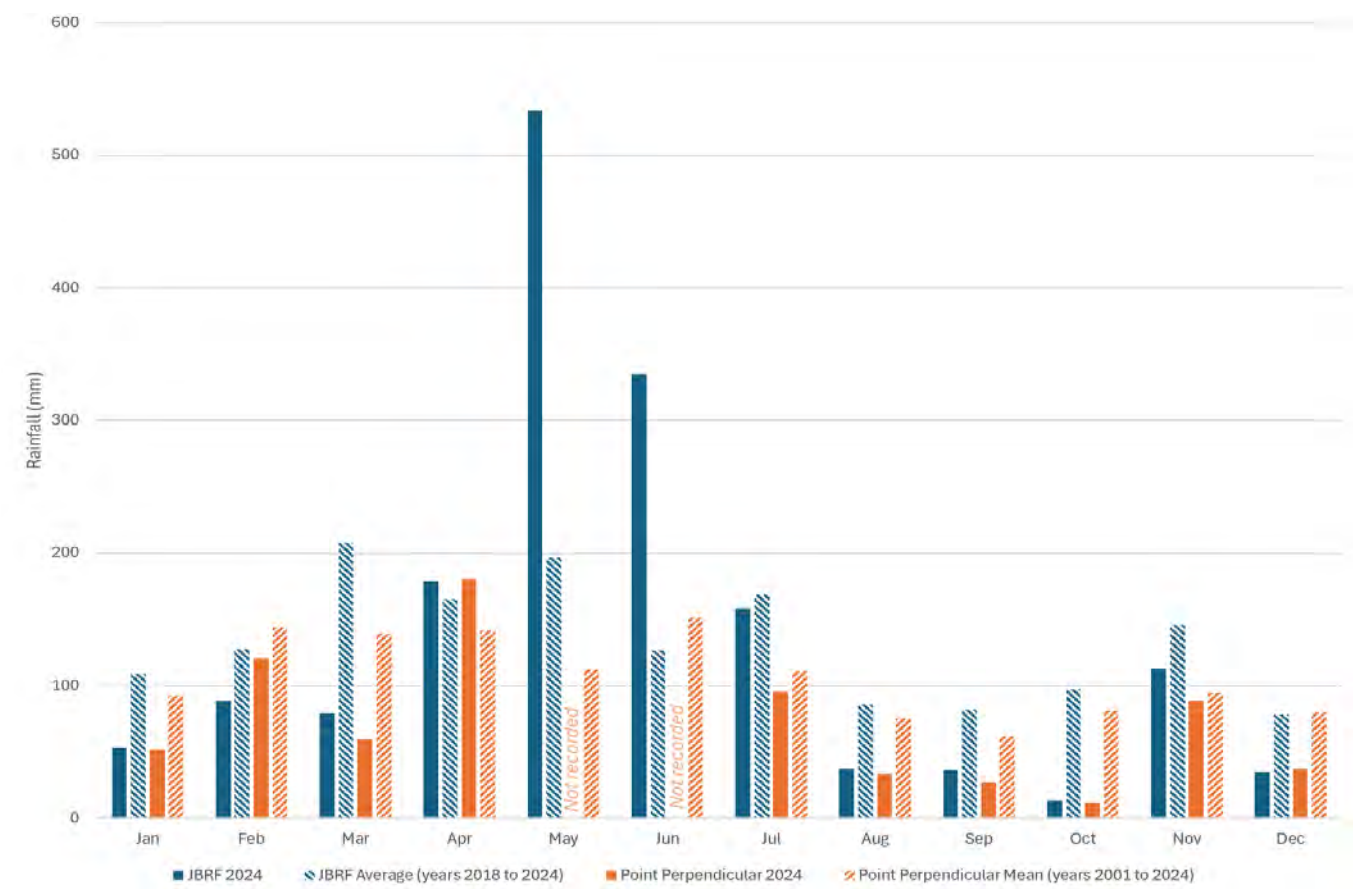
For the year 2024, two months (May and June) did not have data published for the Point Perpendicular station.

The total annual rainfall for JBRF Airfield station is provided in Table 6, which indicates that in 2024, the site received a comparable amount of rainfall to previous years, with the exception of 2019 and 2022 (which appear to be exceptionally ‘dry’ and ‘wet’ years respectively).

Table 6 Total annual rainfall per year – JBRF Airfield (ID 068264)

Year	Total annual rainfall – JBRF Airfield (ID 068264)
2019	831.0 mm
2020	1478.0 mm
2021	1323.8 mm
2022	2865.2 mm
2023	1457.0 mm
2024	1662.2 mm

Monthly rainfall data for the 2024 annual monitoring period compared against to monthly historical means are presented in Graph 1. Periods of missing data are shown on Graph 1 as ‘not recorded’. From April to June 2024, the site experienced higher than average rainfall with May and June experiencing over double the average monthly rainfall.



Graph 1 Monthly rainfall compared to mean rainfall - 2024

Daily rainfall and general weather observations (as per factual reports in Appendix I) per sampling event are summarised in Table 7. Table 7 indicates that the October sampling event is representative of drier conditions than the April 2024 sampling event.

Table 7 Summary of weather conditions prior to and during OMP sampling events

Event	Sample dates	Daily rainfall recorded (mm) at JBRF Airfield (ID 068264) ¹			Summary of observed weather conditions (Appendix I)
		During sample dates	Day prior	Sum of two days prior to start of event	
Event 1 - AECOM	8 to 12 April 2024	Rainfall on three dates: – 9 mm 8 April. – 9.4 mm 10 April. – 0.2 mm 12 April.	1 mm	100.8 mm	Weather was observed to be variable, with the maximum daily temperature ranging between 16.6 and 21.1°C.
Event 2 - GHD	21 to 28 October 2024	0 mm all days except 1.4 mm on 25 October.	0.2 mm	1.4 mm	Dry and warm on most days, with the maximum daily temperature ranging between 18.0 and 24.4°C.
Table Notes: 1 - Rainfall observations are nominally made at 9 am and record the total for the previous 24 hours (BOM, 2022)					

The rainfall volumes affect the surface water flow rates across the site. A comparison to previous sampling events, indicates that for October, the 2024 monitoring events were similar to those undertaken in 2023 (both with moderate surface water sample collection rates), whereas 2021 and 2022 events had high rainfall preceding the monitoring works which enabled most surface water locations to be sampled. This is supported by the annual average rainfall data presented in Table 6.

3.5 Regulatory and policy changes

The 2020 OMP lists the legislation and guidelines summarised in Table 8 as the framework of the OMP. Each were reviewed to determine if there have been any changes to the nationally endorsed PFAS screening criteria or regulatory advice. No significant updates were identified, however it is noted that the NHMRC has released draft health based guidelines for drinking water, which are discussed further in Section 5.

Table 8 Assessment of changes to relevant legislation and guidelines

2020 PMAP / OMP	Any changes to date (March 2025)?	Impact of change
Food Standards Australia New Zealand, <i>Perfluorinated compounds in food</i> (FSANZ, 2017a)	Yes – since 2017, this guideline has been updated once in December 2021.	No direct updates to the PFAS criteria adopted (updates published were related to changes in health-based guidance values).
Food Standards Australia New Zealand, <i>Hazard assessment report – Perfluorooctane Sulfonate (PFOS), Perfluorooctanoic Acid (PFOA), Perfluorohexane Sulfonate (PFHxS)</i> (FSANZ, 2017b)	No	-
Heads of Environmental Protection Authorities (HEPA) Australia and New Zealand <i>PFAS National Environmental Management Plan 2.0</i> (NEMP 2.0) (HEPA, 2020)	Yes – updated to NEMP 3.0 in February 2025.	No updates to PFAS criteria adopted for the purpose of this OMR.
National Environmental Protection Council (NEPC), <i>National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 2013</i> (No. 1) (NEPC, 2013)	No	-

2020 PMAP / OMP	Any changes to date (March 2025)?	Impact of change
National Health and Medical Research Council (NHMRC) <i>Australian Drinking Water Guidelines Paper 6 National Water Quality Management Strategy</i> , Version 3.5, Updated August 2018, (NHMRC, 2011)	Yes – since August 2018, these guidelines have been updated four times, with the current version being version 3.8, September 2022.	No updates to PFAS criteria (updates primarily focused on radiological and microbiological guidance), therefore no significant outcomes of updates.

Administrative controls in the Management Area were established with the 2020 PMAP / OMP by regulators as a management of potential risks to sensitive receptors (including residents and visitors) until remedial works implemented to manage sources and pathways are proven to be effective. The administrative controls currently remain in place, and include the following which is communicated via signage at the various catchments indicated and via publicly available health notices:

- Mary Creek is closed to human use, including collecting and eating seafood.
- Collecting and eating of seafood from Summercloud Creek, Captain's Lagoon and Flatrock Creek should be avoided, with other off-site management actions that may also be implemented by Regulatory Agencies.

It is noted that Summercloud Creek was included by regulators as a precautionary measure in 2019.

4. Sampling analysis and methodology

4.1 SAQP

The two OMP sampling events of 2024 were undertaken in general accordance with SAQPs as follows:

- April 2024 - undertaken by AECOM (AECOM, 2024a).
- October 2024 – undertaken by GHD (GHD, 2024b).

Both of these SAQPs were written in accordance with the OMP which is presented within the PMAP (Defence, 2020). The SAQPs outline the sampling schedule, rationale for sampling, and the sampling methodologies. Both the SAQPs are provided in Appendix H, and the scope per event is summarised in Table 9.

Table 9 Summary of scope of works per event as per SAQPs

Monitoring event	Media	Number of locations scheduled	Number of locations undertaken	Analytical schedule
Event 1 - April 2024, AECOM	Groundwater	63 ¹	63 ¹	PFAS (standard level ² , extended suite) except a subset of groundwater and surface water locations associated with JBRF (0021), which were scheduled for analysis using 'super trace level' ³ : MW129, MW130, MW135, MW136, MW137, MW138, MW139, MW140, SW036, SW037 and SW038.
	Surface water	74	68	
	Sediment	62	59	
	Tanks (Other)	6	6	
Event 2 – October 2024, GHD	Groundwater	88 ¹	80	PFAS (standard level ² , extended suite). except a subset of groundwater and surface water locations associated with JBRF (0021), which were scheduled for analysis using 'super trace level' ³ : MW129, MW130, MW135, MW136, MW137, MW138, MW139, MW140, SW036, SW037, SW038, SW040, and SW212.
	Surface water	78	55 ⁴	
	Sediment	64	62	
	Tanks (Other)	6	6	

Table Notes:

1 – Including locations for gauging only (ie. no sample collected)

2 – Standard level laboratory limit of reporting (LOR) is considered to be <0.01 – 0.1 ug/L and <0.0002 – 0.001 mg/kg

3 – Super trace level laboratory LOR is considered to be <0.0003 – 0.002 ug/L

4 – Event 2 surface water locations – 54 as per schedule + 1 new location, as outlined in Table 10.

4.2 Deviations from the SAQP

Works were undertaken in general accordance with the SAQPs for both events, however deviations from the SAQPs occurred for both events as outlined in the factual reports provided in Appendix I. A summary of the deviations per event is provided in Table 10.

Table 10 Summary of deviations from the SAQPs

Event	SAQP Deviation	Comment / justification	Impact on dataset
Event 1 – April 2024	Samples, as well as associated water quality parameters, were not collected from 6 of the 74 scheduled surface water sampling locations.	– Three locations were dry (0021_SW016, 0021_SW017, 0021_SW111). – Three locations were inaccessible due to the presence of a construction site (0021_SW018), the access path being	AECOM (2024b) concluded that the lack of data at these locations is not considered to have a significant impact on the existing data or present a significant data gap, based on the presence of data from other monitoring points within the same area collected during this event, and that the lack of water at some locations confirms that the source, pathway,

Event	SAQP Deviation	Comment / justification	Impact on dataset
		submerged by high water during the sampling event (0021_SW038), or location only accessible by boat (off the coastline, 0021_SW051).	receptor linkage for PFAS in surface water was incomplete at the time of sampling.
	Samples, as well as associated field data, were not collected from three of the 62 scheduled sediment locations.	Three locations were inaccessible due to the presence of a construction site (0021_SD014), the access path being submerged by high water during the sampling event (0021_SD032), or location only accessible by boat (off the coastline, 0021_SD043).	AECOM (2024b) concluded that the lack of data at these locations is not considered to have a significant impact on the existing data or present a significant data gap, based on the presence of data from other monitoring points within the same area collected during this event.
	Samples OTH003 and OTH005 were collected using dedicated disposable bailers, rather than using a peristaltic pump.	The field team determined that these sampling locations were accessible using a bailer, therefore a peristaltic pump was not required.	Given that concentrations of PFAS in these samples were within the historical range, this change in sampling methodology is not considered to impact the reliability of the dataset (AECOM, 2024b).
Event 2 – October 2024	Samples, as well as associated gauging and water quality parameters were not collected from eight of the 88 scheduled groundwater sampling locations	- Three locations were inaccessible due to: - A military exercise on site within the monitoring area (0020_MW001 and 0020_MW007). - The access path being submerged by high water during the sampling event (0021_MW115). - One location was confirmed destroyed (monument observed on the ground nearby, 0020_MW105). - Two locations were dry at the time of sampling (0020_MW052 and 0020_MW055).	The lack of sampling data was not considered to be a significant impact as historical concentrations of PFAS have been less than the adopted criteria and/or LOR, and/or there were groundwater monitoring locations downgradient of these locations (GHD, 2024c).
		Two locations were not located, and were presumed to have been destroyed by recent earth/construction works in the monitoring area (0020_MW008 and 0020_MW108).	The lack of sampling data for 0020_MW008 and 0020_MW108 will impact the future mass flux assessment (GHD, 2024c).
	Samples, as well as associated water quality parameters were not collected from 24 of the 78 scheduled surface water sampling locations	24 locations were dry (0020_SW022, 0020_SW023, 0021_SW111, 0021_SW126, 0021_SW001, 0021_SW002, 0021_SW003, 0021_SW004, 0021_SW005, 0021_SW006, 0021_SW010, 0021_SW127, 0021_SW153, 0021_SW016, 0021_SW017, 0021_SW018, 0021_SW019, 0021_SW021, 0021_SW024, 0021_SW025, 0021_SW027, 0020_SW032, 0021_SW077, 0021_SW059)	GHD (2024c) considered that the lack of sampling data was not likely to be significant as the lack of water at some locations confirms that the source, pathway, receptor linkage for PFAS in surface water was incomplete at the time of sampling. Additionally, at some locations, other representative samples of surface water from the same water body were able to be collected

Event	SAQP Deviation	Comment / justification	Impact on dataset
	An additional surface water sample (0021_SW212) was collected and analysed.	Sample collected from pooled water in the vicinity of the groundwater well 0021_MW115 due to the presence of high water preventing access to the groundwater monitoring location. Groundwater and surface water in this area are therefore closely inter-related and the surface water is considered representative of shallow groundwater conditions.	Additional surface water sample is considered to enhance the dataset by addressing a potential data gap represented by the lack of groundwater data in this area.
	Samples were not collected from two of the 64 scheduled sediment sampling locations.	Sediment sampling locations 0021_SD047 and 0021_SD048 were not able to be sampled as there was no sediment present during this event.	The lack of sampling data for 0021_SD047 and 0021_SD048 is not considered to be significant as it confirms that the source > pathway > receptor linkages for PFAS in sediment at this location is incomplete. Corresponding surface water samples 0021_SW057 and 0021_SW058 were sampled as part of this event
	Four samples of surface water (0021_SW036, 0021_SW037, 0021_SW038 and 0021_SW040) and eight groundwater samples ¹ were analysed at trace level – see Section 5.1.1 for further details.	Trace analysis was considered prudent for locations directly representative of drinking water supply to address possible changes to assessment guidelines for drinking water.	Use of trace analysis is considered to enhance the dataset for the purpose of assessment at these locations given their more sensitive endpoint receptor (human health, drinking water).

Table Notes:

1 – 0021_MW129, 0021_MW135, 0021_MW136, 0021_MW137, 0021_MW130, 0021_MW138, 0021_MW139, 0021_MW140

4.3 Data quality objectives and data validation

Data validation for the monitoring period has previously been completed and discussed within the individual factual reports provided in Appendix I.

The data validation procedure employed in the assessment of the field and laboratory quality assurance / quality control (QA/QC) data indicated that the reported analytical results are representative of the sample locations and that the overall quality of the analytical data produced is acceptably reliable for the purpose of this report.

All data collected during these events have been reviewed and uploaded to the Defence ESdat database in accordance with Defence Contamination Management Manual (DCMM) requirements.

4.4 Data assessment methodology

The interpretation of results has been undertaken as per the details of Section 4.4.1 using the monitoring location classifications defined in Section 4.4.2.

4.4.1 Data assessment process

This site has been through various stages of contamination assessment, including a DSI (GHD, 2019a) and subsequent data gap investigations to determine the nature and extent of PFAS at the site, and HHRA (GHD, 2019b) and ERA (GHD, 2020a), to further assess potential risks to receptors. Both the HHRA and ERA identified potentially unacceptable risk to human and ecological receptors for some exposure pathways, which form the basis of the site 'risk profile', and which are now managed under the site PMAP (Defence, 2020). In general, the

overall objective of the OMP and this report is therefore to assess for potential changes in the site 'risk profile' in relation to PFAS (noting that specific objectives are defined in Section 1.1). Changes in the site risk profile would indicate that a revision of the PMAP may be required.

To assess potential changes in PFAS risk profile at the site, data collected as part of the OMP and evaluated in this report will be assessed using the following approach, which is also displayed graphically in Plate 1:

- Monitoring locations will be categorised into the catchments they are located in and as representative of either PFAS 'source' zones (ie. AECs), 'pathways' or 'receptor' environments. This is referred to as the 'SPR classification'. Location classifications are outlined in Section 4.4.2.
- Locations categorised as 'source' will not be assessed in detail, as the intention of monitoring source areas is to benchmark source conditions should 'pathway' and 'receptor' assessment be needed.
- Water data associated with 'pathway' and 'receptor' locations will be assessed using trend analysis considered against adopted performance measures (comprised of screening criteria and assessment triggers) identified as relevant to the catchment area based on the CSM. The process for assessment of potential receptor exposure pathways associated with human health is outlined below, with two different approaches depending on the current presence of administrative controls within a catchment area.

Assessment of potential receptor exposure pathways associated with ecological health will follow a similar approach to that described for human health, however the application of administrative measures is not possible for ecological receptors. Therefore catchments will be considered in terms of previously identified ecological risk or no previously identified ecological risks.

- Where administrative measures are currently in place for a potential human receptor exposure pathway, or where potentially elevated ecological risks have previously been identified, water data will be assessed using trend analysis only, with performance measures considered to provide context to the magnitude of the results.
 - Where no administrative measures are in place for human health, or where no elevated risks to ecological health have previously been identified, an assessment of concentration trends and performance measures will be adopted. Where an individual location is identified as exceeding the performance measure, further assessment will be undertaken of that location as part of wider catchment area.
- Trend assessment will not be undertaken for sediment data, as sediment is usually transient in nature and trends are therefore not considered appropriate. Sediment data will only be compared to adopted performance measures, noting that sediment performance measures are only applicable for the Clay Pools and Summercloud Creek catchments. Therefore, sediments outside of these two catchments have not been assessed in detail in this report.

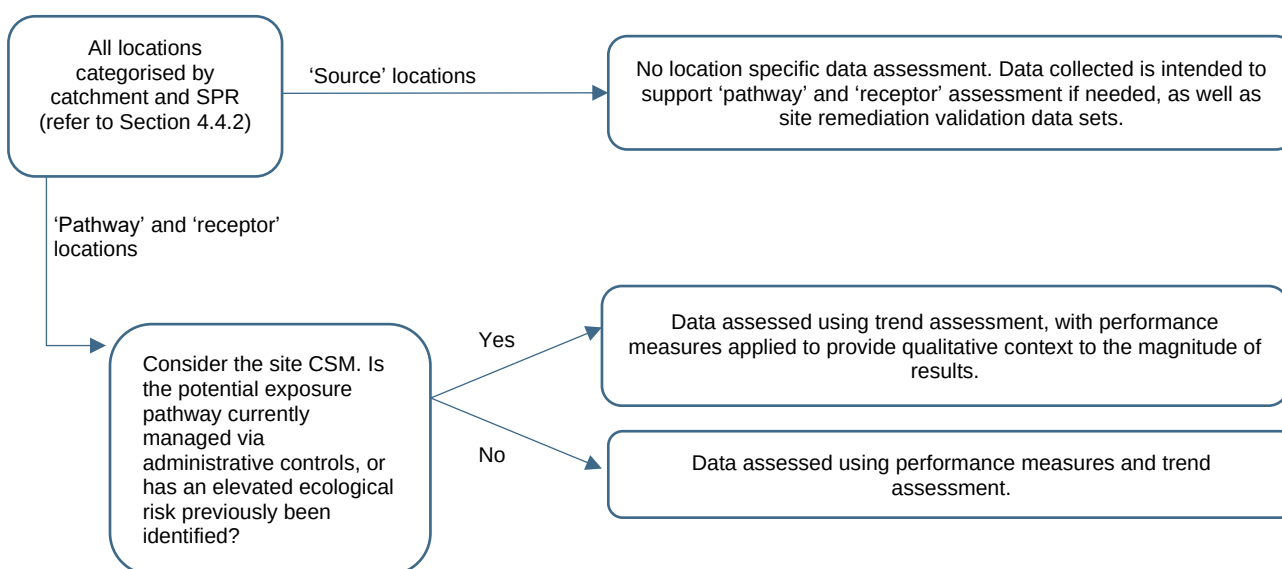


Plate 1 Flow chart showing decision process for the application of performance criteria

Performance measures are defined in Section 5. Each catchment requires a different set of performance measures to be adopted, because the potential receptor exposure pathways are different in each catchment. Additionally, some catchments already have administrative management measures in place to mitigate potentially elevated risks to receptors identified in the HHRA, or have already been identified to have elevated ecological risks via the ERA, which means that further assessment of potential risk for those exposure pathways in this OMR is not required. Therefore, for the catchment areas with administrative measures already in place or where ecological risk assessment has already been undertaken, performance measures will only be adopted to provide qualitative context to the magnitude of the results obtained, and trend assessment will be the primary mechanism of assessing potential change to the site 'risk profile'.

Trend assessment is a consideration of analytical results over time (using current monitoring data and historical data for those locations), to indicate potential changes in the site status. Trend assessment will be undertaken using two analytical strategies, applied as indicated:

1. Linear line of best fit on time series graphs on all monitoring locations, using an R squared value ¹ to indicate statistical significance of a potential upwards or downwards trend. This method will also highlight new maximum (or minimum) concentrations in a data set that may warrant further, individual consideration.
 - Any R squared value greater than or equal to 0.70 will be determined to indicate a strong linear association (ANZG, 2018), and R squared values less than 0.3 were considered to have negligible correlation.
 - The maximum concentration of duplicate pairs will be used, and where the result is <LOR, the value of the LOR will be adopted.
 - The validity of the R squared value will be assessed, considering factors such as number of samples available at that location, and the number of LOR results. Where there are a low number of samples (one or two) and/or where the majority of samples were less than or equal to a consistent LOR, a high R squared value would be calculated but is considered to be invalid, and the location will be discounted from further assessment.
 - If the location is determined to have a valid, strong linear association, the trend direction (upwards, downwards or flat) will be visually assessed.
2. Box and whisker plots for further assessment of the 2024 monitoring period data in the context of the catchment, with data grouped by SPR classification. The 2024 data will be compared to the historical data set for the catchment, to indicate if there are potential changes occurring within the catchment SPR zones, or if new data is within historical statistical parameters.

The assessment of results in this OMR focuses on PFHxS+PFOS sum (particularly for trend analysis), as these are the most dominate species for the site and there is applicable screening criteria. However PFOS, PFOA and PFHxS have also been considered as individual analytes given that these analytes also have applicable screening criteria.

4.4.2 Monitoring location classification

For the purpose of assessing trends within each catchment, locations were classified into surface water catchment areas, and as either 'source', 'pathway' or 'receptor' (SPR) based on their location and intended monitoring purpose. Location classifications are shown in Table based on the following rationale:

- If the location is within an AEC boundary, it was defined as a 'source area' location, with the exception of:
 - 0021_MW025 and 0021_MW030 – on the boundary of AEC H and AEC C respectively, and therefore included as representative of source areas.
 - Surface water and sediment locations between AEC A and AEC B have been classified as 'source' based on the interconnected nature of AEC A and AEC B.

¹ The R squared value, also known as the coefficient of determination, is a statistical measure that represents the proportion of the variance for a dependent variable that's explained by an independent variable. It ranges from 0 to 1, where 1 indicates a perfect fit of the model to the data. In this case where a linear line of best fit is being applied to chemical concentration data over time, the R squared value is indicating what proportion of the data is represented by the line of best fit. Where there is a poor correlation, we can say there is no linear trend in the data set.

- Location 0021_MW024, which is located upgradient of AEC A at the topographical high point of the catchment. Given its position at the top of the catchment, 0021_MW024 was considered as part of the 'source' area.
- Locations in AEC E have been classified as 'pathway' locations, as there is no defined source zone area within AEC E (noting that AEC C also no defined source zone at this stage, however further investigations are planned within AEC C to investigate potential source areas further, unlike AEC E).
- 0020_SW018 / 0020_SD028 and 0020_SW016 in the HMAS Creswell treated effluent retention pond has been classified as a 'source', as this pond is the distribution point for irrigation across HMAS Creswell represented by AEC E.
- All groundwater wells outside of source areas (AECs) were considered as pathways to surface water bodies. There are no groundwater locations in surface water bodies or being used for abstraction such that groundwater would be directly representative of receptors environments (though it is acknowledged that some groundwater locations are very close to receptor environments). Additionally, groundwater is known to interact with surface water at the site, particularly in wetland areas where groundwater 'daylights' as surface water, however surface water is directly sampled/assessed across the site and is therefore considered representative of those pathway and receptor environments.
- Surface water and sediment locations were considered representative of receptor environments if it is in the end point water body. For example, 0021_SW056, 0021_SW043 and 0020_SW060 (and downgradient locations) are in the standing water bodies of Summercloud Creek, Mary Creek and Telegraph Creek respectively, thus have been classified as 'receptor'.
- In regard to catchment areas, locations were classified into the surface water catchments as per the boundaries shown on Figure 3, Appendix A, with the exception of:
 - AEC F groundwater locations 0020_MW111, 0020_MW115, 0020_MW112 were all assigned to Flatrock Creek based on interpolated groundwater contours from the Northern Catchments Mass Flux Assessment gauging events (GHD, 2024a), noting that this area is located on the groundwater flow divide boundary and periodically may be contributing to Captains Lagoon instead of Flatrock Creek.
 - Locations outside of the defined surface water catchments west of the site, have been considered as part of the broader Bherwerre peninsula rather than a defined surface water catchment.
 - Locations associated with the Clay Pools, which are located at the top of 'the Lakes' catchment (specifically, Lake McKenzie catchment), were assigned to their own 'Clay Pools' sub-catchment as these water bodies are not known to be hydraulically connected to either Lake McKenzie or Lake Windermere, and therefore do not form the typical surface water flow regime of a surface water catchment.

Infrastructure tanks (0021_OTH001 to 0021_OTH006) and surface water locations associated with the sewerage treatment plant processing tanks (0020_SW035, 0020_SW036 and 0020_SW037) have not been considered as part of any surface water catchment or SPR classification, as these samples are representative of:

- Infrastructure systems in the RAN SSSS and are not directly indicative of environmental conditions (0021_OTH001 to 0021_OTH006).
- Conditions during the sewerage treatment process, rather than waters discharged to the environment. Irrigation waters are represented by alternative surface water locations (0020_SW035, 0020_SW036 and 0020_SW037).

Infrastructure tank monitoring locations have therefore been considered separately.

Table 11 OMP Monitoring location catchment and SPR classification

Catchment	Source			Pathway			Receptor		
Bherwerre Barrier	-	-	-	-	-	-	0021_MW114 0021_MW115	0021_SW083 0021_SW212	0021_SD073
Captains Lagoon	0020_MW052 0021_MW028 0021_MW030 0021_MW062 0021_MW102 0021_MW109 0021_MW119 0021_MW120 0021_MW121 0021_MW123 0021_MW127	0021_SW001 0021_SW027 0021_SW111	0021_SD001 0021_SD023	0020_MW012 / 0020_MW012A 0020_MW055 0020_MW056 0020_MW057 0020_MW058 0020_MW059 0020_MW102D 0020_MW102S 0020_MW104 0020_MW105 0021_MW018 0021_MW108 0021_MW124 0021_MW134	0020_SW011 0020_SW057 0021_SW013 0021_SW019 0021_SW021 0021_SW126	0020_SD025 0021_SD009 0021_SD011 0021_SD015 0021_SD017	-	0020_SW004 0020_SW005 0020_SW010 0020_SW012	0020_SD018 0020_SD019 0020_SD024 0020_SD026
Flatrock Creek	0020_MW037 0020_MW112 0020_MW115 0021_MW025 0021_MW026 0021_MW117 0021_MW118	0020_SW016 0020_SW018	0020_SD028	0020_MW001 0020_MW007 0020_MW008 0020_MW017 0020_MW068 0020_MW108 0020_MW109 0020_MW110 0020_MW111 0021_MW125 0021_MW126 0021_MW128 0021_MW160 0021_MW163 0021_MW164	0020_SW022 0020_SW023 0020_SW030 0020_SW032 0020_SW054 0021_SW020 0021_SW022 0021_SW024 0021_SW025	0020_SD006 0020_SD032 0020_SD033 0021_SD016 0021_SD018 0021_SD020 0021_SD021	-	0020_SW026 0020_SW027 0020_SW029 0020_SW033	0020_SD001 0020_SD002 0020_SD004 0020_SD007
Lakes	-	-	-	0021_MW129 0021_MW130 0021_MW135 0021_MW136	0021_SW035	0021_SD029	-	0021_SW032 0021_SW034 0021_SW036 0021_SW037	0021_SD028 0021_SD030 0021_SD031 0021_SD032

Catchment	Source			Pathway			Receptor		
				0021_MW137 0021_MW138 0021_MW139 0021_MW140				0021_SW038 0021_SW040	0021_SD080 0021_SD093
Clay Pools (sub-catchment of the Lakes)	-	-	-	-	-	-	0021_MW020	0021_SW076 0021_SW077 0021_SW078 0021_SW079 0021_SW080	0021_SD066 0021_SD067 0021_SD068 0021_SD069 0021_SD070
Mary Creek	0021_MW024 0021_MW061 0021_MW063 0021_MW064 0021_MW065 0021_MW101 0021_MW103 0021_MW104 0021_MW105 0021_MW106 0021_MW107 0021_MW110 0021_MW111 0021_MW150 0021_MW151 0021_MW152 0021_MW153 0021_MW154 0021_MW155	0021_SW002 0021_SW003 0021_SW004 0021_SW005 0021_SW006 0021_SW011 0021_SW016 0021_SW017 0021_SW110 0021_SW112 0021_SW127 0021_SW130 0021_SW153	0021_SD002 0021_SD003 0021_SD004 0021_SD005 0021_SD007 0021_SD012 0021_SD013 0021_SD110	0021_MW021 0021_MW060 0021_MW070 0021_MW071 0021_MW072 0021_MW112 0021_MW113 0021_MW133	0021_SW010 0021_SW018 0021_SW044 0021_SW045 0021_SW048 0021_SW053	0021_SD006 0021_SD014 0021_SD036 0021_SD037 0021_SD040 0021_SD111	-	0021_SW043 0021_SW051 0021_SW052 0021_SW211	0021_SD035 0021_SD043 0021_SD044
Summer- cloud Creek	-	-	-	0021_MW022 0021_MW131 0021_MW132	0021_SW057 0021_SW058 0021_SW059	0021_SD047 0021_SD048 0021_SD049	-	0021_SW056 0021_SW085 0021_SW188	0021_SD046 0021_SD075 0021_SD188
Telegraph Creek	--	-	-	-	0021_SW062 0021_SW064	0021_SD052 0021_SD054	-	0021_SW060 0021_SW068 0021_SW069	0021_SD050 0021_SD058 0021_SD059

5. Performance measures

To determine if PFAS concentrations associated with a potential exposure pathway and/or receptor environment represents an unacceptable risk to receptors such that further investigation and/or management is required, the results representative of that pathway/receptor need to be compared to a performance measure. Performance measures designed to monitor the environmental impacts have been assigned on the basis of the following definitions:

- Screening criteria (Section 5.1): a public quality standard provided in guidance documents that is identified as being appropriate to a contaminant for a specified receptor in order to assess the potential for an unacceptable risk to that receptor. Exceedance of the nominated screening criteria indicates that a potentially unacceptable risk may be present, and that further investigation may be required. It does not equate to a remediation trigger. The published screening criteria are generated based on a broad set of assumptions, which can be assessed in further detail to adjust the screening criteria to site specific criteria (if required).
- Assessment triggers (Section 5.2): a project specific criterion applied to assess whether there have been possible adverse trends in risk. This can be a quantitative trigger (e.g. numeric value compared to analytical results) or a qualitative trigger (e.g. change in land use), based on previous assessment outcomes.

The adopted performance measures are based on the site CSM. A detailed review of the CSM with the adopted performance measure per SPR linkage is provided in Appendix B and is summarised in Section 5.3.

5.1 PFAS screening criteria

5.1.1 Framework

The following guidance documents have been considered (some of which have been reviewed as part of the OMP in Section 3.5):

- Heads of Environmental Protection Authorities (HEPA) Australia and New Zealand, 2025. PFAS National Environmental Management Plan (NEMP) Version 3.0. February 2025.
- Department of Health (DoH), 2017. Health Based Guidance Values for PFAS for use in site investigations in Australia. April. This document is based on the works undertaken by Food Standards Australia New Zealand (FSANZ) in 2017 (FSANZ 2017).
- National Health and Medical Research Council (NHMRC), 2019. Guidance on Per and Polyfluoroalkyl Substances (PFAS) in Recreational Water. August 2019.
- National Environment Protection Council (NEPC), 2013. National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) Schedule B1, 1999 as amended in 2013.
- NHMRC, 2011, Australian Drinking Water Guidelines (ADWG) Paper 6 National Water Quality Management Strategy, updated June 2025, version 4.0.

Screening criteria have not currently been endorsed by Australian regulators for PFAS in sediments. Additionally, it is not considered appropriate to adopt soil assessment guidelines for sediments (particularly those that are permanently submerged and/or used for cultural land use purposes). Given this, sediment results will not be assessed with reference to published screening criteria.

5.1.2 Adopted screening criteria

The screening criteria used to assess the PFAS data in this monitoring program is presented in Table 12, and will be applied as per the performance measures outlined in Section 5.3.

Table 12 Summary of adopted screening criteria – surface water and groundwater

Receptor	Pathway	Guideline	PFOS + PFHxS	PFOS	PFHxS	PFOA	PFBS	Comments / Rationale
Human health	Recreational	NEMP (2025) – Recreational	2 µg/L	2 µg/L	2 µg/L	10 µg/L	-	Surface water bodies in the vicinity of the site are known to be used for recreational purposes. The HEPA NEMP 3.0 (2025) recreational criteria, which are consistent with those presented by NHMRC (2019), have therefore been adopted in the assessment of all water locations except Bherwerre Peninsula, where the assessment locations are not considered representative of standing water bodies that could be used for recreational purposes. Additionally, it is considered unlikely that on-site surface water drainage lines and wetland areas would be used for recreational purposes.
	Drinking Water	ADWG - health (2025)	-	0.008 µg/L	0.03 µg/L	0.2 µg/L	1 ug/L	<i>Applicable to Lake Windermere surface water only</i> With the exception of Lake Windemere, the groundwater and surface water assessed in the monitoring program is not used as a primary source of potable water. Drinking water guidelines have therefore been adopted for surface water locations representative of Lake Windermere only.
Ecological	Freshwater / Interim marine	NEMP (2025) – freshwater and marine water 95% species protection	-	0.13 µg/L	-	220 µg/L	-	The site is situated within the Booderee National Park, which is considered to be of high ecological value, however on-site areas are operational and have an extended history of modification and development. The Australian and New Zealand Guidelines (ANZG) for Fresh and Marine Water Quality (ANZG, 2018) identifies the 99% species protection level as being most appropriate screening criteria for high conservation value systems and bioaccumulative compounds. The DSI (GHD, 2019a) included biota sampling for the purpose of the direct assessment of the bioaccumulation of PFAS and a site-specific ERA (GHD, 2020a) has also been undertaken. Given this, all water locations will be assessed with reference to the HEPA NEMP 3.0 (2025) 95% species protection levels. Groundwater is likely to discharge to the local water systems which fluctuate between fresh and brackish depending on ocean connectivity and tidal levels. The NEMP 3.0 (HEPA, 2025) currently provides screening criteria that are applicable to both fresh and marine water environments and therefore separate guidelines have not been considered.

5.2 Assessment triggers

Quantitative triggers have been adopted as performance measures in the absence of screening criteria to enable assessment of potential risk associated with site specific exposure pathways as follows:

- Screening criteria have not currently been endorsed by Australian regulators for PFAS in sediments (as outlined in Section 5.1). Given this, sediment results will not be assessed with reference to published screening criteria. However, sediment and clays associated with the Clay Pools and Summercloud Creek are potentially used for ceremonial purposes, and therefore require an assessment trigger. In the absence of published screening criteria, the exposure point concentration (EPC) used in the HHRA has been adopted at the Clay Pools. Sediment at Summercloud Creek was not specifically assessed in the HHRA because sediment concentrations were less than LOR (<0.0002 mg/kg) at that time, indicating that PFAS was unlikely to be present at unacceptable concentrations, hence the analytical detection limit has been adopted as the assessment trigger in the Summercloud Creek catchment.
- Assessment of potential risks associated with the consumption of biota is usually conducted via biota sampling and analysis, however regular biota sampling is not appropriate for the OMP. Assessment for this potential exposure pathway must therefore be done using abiotic media (such as surface water). There is no publicly available screening criteria associated with human biota consumption that can be applied to abiotic media. Potential risks via this pathway were assessed in the HHRA for Mary Creek, Flatrock Creek, Captains Lagoon and Summercloud Creek catchments, and each of these catchments have management measures in place protective of this potential exposure pathway. Therefore, these four catchments do not require an assessment trigger for this pathway. However no management measures are in place for Telegraph Creek, The Lakes, the Clay Pools, or Bherwerre Peninsula, and given the lack of publicly available screening criteria protective of this pathway, the standard detection limit for waters (0.01 ug/L) has been adopted as an assessment trigger for these catchments.
- There is no published screening criteria applicable to samples directly associated with infrastructure tanks on site.
 - No assessment criteria has been adopted for surface water samples associated with the STP, as workers at HMAS Creswell whom may come into direct contact with PFAS impacted waste water during works associated with the STP are assumed to be wearing Personal Protective Equipment (PPE), thus minimising exposure. This is the same assumption adopted in the HHRA.
 - Defence personnel involved in training exercise at the RAN SSSS have a potential exposure pathway to some of the water stored in tanks at the RAN SSSS. Exposure quantity, duration and frequency of training exercises are not considered to be comparable to the generic assumptions behind either the 'recreational' or 'drinking water' screening criteria, therefore the EPC used in the activity specific HHRA² has been adopted for these tanks.

5.3 Adopted performance measures

The adopted performance measures to be applied per catchment area are based on the site CSM (provided in Appendix B) and is summarised in Table 13, comprising screening criteria (as outlined in Section 5.1) and assessment triggers (as outlined in Section 5.2). Exceedances of the adopted performance measures (in conjunction with the trend assessment outcomes) will trigger response actions as outlined in Section 5.3.

In regards to on-site Defence personnel, no performance measures have been adopted as the HHRA has indicated low and acceptable risk to personnel at the RAN SSSS, which is considered to be the highest exposure scenario. Additionally, the exposure frequency for Defence personnel in the wider HMAS Creswell and JBRF areas (including intrusive maintenance workers [IMW]) was considered by the HHRA likely to be low, and institutional processes are assumed to be in place for IMW, such that further assessment is not considered necessary.

² An activity specific HHRA was prepared for the RAN SSSS, which evaluated potential risks to trainers, trainees maintenance contractors and emergency fire-fighters withing within RAN SSSS. While a variety of intrusive activities may occur throughout JBRF and HMAS Creswell, it is considered that the training activities at RAN SSSS would present the greatest potential for exposure to people onsite (human receptors). As such, the HHRA calculations prepared for the RAN SSSS are considered to be protective of all Defence personnel and contractors working within the Management Area.

For the purpose of performance measures assessment, PFOS+PFHxS has been used as the primary analyte indicative of human health. PFOS and PFHxS have been compared to the adopted screening criteria in Appendix C, but have not been considered as individual analytes for the purposes of human health performance measure assessment on the basis that both are considered in the sum. However, PFOS has been considered in regards to ecological health performance measures. PFOA concentrations have been compared to the adopted screening criteria in Appendix C, but PFOA has not been considered further in the performance measures assessment on the basis that:

- PFOA has been demonstrated to be a minor component of PFAS total at the site, and has not previously been identified as a significant risk driver at the site.
- The concentration of PFOA is below the adopted screening criteria for all locations in historic and current monitoring rounds.

Table 13 Performance measures per catchment

Media	Receptor	Criteria	Comments	Applied to catchment?								
				Mary Creek	Flatrock Creek	Captains Lagoon	Telegraph Creek	The Lakes	Clay Pools	Summercloud Creek	Bherwerre Peninsula	RAN SSSS Infrastructure tanks
Groundwater and surface water	Ecology	NEMP (2025) – freshwater and marine water 95% species protection	Refer to Section 5.1	C	C	C	✓	✓	✓	✓	✓	-
	Human health - direct contact and incidental ingestion	ADWG – health (2025)	Refer to Section 5.1: Applicable to Lake Windermere surface water only	-	-	-	-	✓	-	-	-	-
		NEMP (2025) – Recreational	Refer to Section 5.1: No standing water assessed in Bherwerre Peninsula	C	✓	✓	✓	✓	✓	✓	-	-
	Human health - consumption of biota	Detection >0.01 ug/L	Assessment trigger in the absence of publicly available screening criteria.	-	-	-	✓	✓	✓	-	✓	-
	Human health – Defence personnel	Activity specific HHRA EPC for RAN SSSS: 39.7 ug/L PFAS (sum of total)	Assessment trigger in the absence of publicly available screening criteria.	-	-	-	-	-	-	-	-	✓
Sediment	Human health - ceremonial	Detection >0.0002 mg/kg	Assessment trigger in the absence of publicly available screening criteria.	-	-	-	-	-	-	✓	-	-
		HHRA EPC for clay pools: 0.0014 mg/kg of PFAS (sum of total)	Assessment trigger in the absence of publicly available screening criteria.	-	-	-	-	-	✓	-	-	-

Table Notes:

✓ = performance measure to be applied for risk screening purposes

C = performance measure to be used for qualitative, contextual purposes only

- = performance measure not applicable

5.4 Response actions

Assessment outcomes and associated responses have been defined in Table B2, Appendix B, based on screening of analytical results to the performance measures outlined in Section 3 and concentration trend assessment. Additionally, consideration of land use changes identified as part of the site characteristic review (Section 3) have been considered in Appendix B, as specific actions would be required for that scenario.

6. Results and other data

As part of the OMP, the following two scheduled monitoring events were completed in the monitoring period, with factual reports provided in Appendix I:

- Event 1 - 8 to 12 April 2024 by AECOM (AECOM, 2024b)
- Event 2 - 21 to 28 October 2024 by GHD (GHD, 2024c)

The sample locations are shown on Figure 3 (overview, shown in detail on Figure 3A to Figure 3E), Appendix A, and a summary of all monitoring and analytical results compared to adopted screening criteria are provided in Appendix C as follows:

- Table C1 – Water quality field parameters 2024
- Table C2 – Groundwater gauging results 2024
- Table C3 – Water analytical results – Lake Windermere
- Table C4 – Water analytical results – All catchments (including infrastructure tanks)
- Table C5 – Sediment analytical results – All catchments.

In addition to the 2024 OMP data, GHD has considered historical data that is available in the Defence database for the OMP locations in this assessment. Data from additional locations undertaken outside of the OMP has not been considered.

Weather data per monitoring event is summarised in Section 3.4, The specific monitoring methods and associated event collateral information (such as supporting laboratory certificates and QAQC assessments) are provided per event in the factual reports in Appendix I.

6.1 Estate management works observations

A construction zone adjacent to the southern part of the JBRF runway impeded the sampling of one co-located surface water and sediment location (0021_SW018 / 0021_SD014) during the April sampling event, however no other estate management works were observed during the April sampling event. Ongoing construction works were observed during the October 2024 sampling event, including earthworks for:

- The culvert drain replacement at JBRF has been an ongoing construction project at JBRF for several months. At the time of sampling these works were nearing completion, however many areas either side of the runways were recently landscaped. Nearby surface water sampling locations include 0021_SW016, 0021_SW017, 0021_SW018, 0021_SW20 and 0021_SW21. Observations by GHD in prior months noted that poor sediment control was implemented at times during these works, with sediment often washing away from the work site during rain events which was rectified with improved erosion and sediment controls.
- Earthworks and stockpiling of excavated material were observed approximately 60 m south of surface water location 0020_SW054. GHD notes that the site did not have sediment control installed around the stockpile area.
- Temporary water treatment plant in operation at Mary Creek, located upgradient of surface water location 0021_SW010 and monitoring well locations 0021_MW060, 0021_MW70, 0021_MW072 and 0021_MW072.
- Works associated with the RAN SSSS WTP construction, storage of equipment and plant at RAN SSSS. Nearby locations include 0021_SW001 and 0021_MW062.

6.2 Groundwater and surface water results

6.2.1 Field observations and parameters

Surface water

Water quality parameters per location are provided in Table C1, Appendix C, with observations and field parameters summarised in Table 14 and Table 15 respectively.

In regards to foam observations at the surface, given that reported concentrations of PFAS in these samples was consistent with historical results, it is considered unlikely that the observed foam was anthropogenic in nature.

Table 14 Summary of field observations – surface water 2024

Characteristic observed	April 2024	October 2024
General observations	Chlorine-like odour at one tank water location (0021_OTH004)	Water colour ranged from clear to coloured (yellow, brown to dark brown), mostly low turbidity for all surface water locations where water was flowing. Locations where water was not flowing were usually recorded having higher turbidity and suspended solids. Algae was noted at some locations.
Foam on the surface of water or on side banks of water body	0021_SW062 and 0021_SW110	0020_SW057, 0020_SW011, 0021_SW062, 0021_SW044
Organic odours	0020_SW010, 0020_SW016, 0020_SW032, 0021_SW022, 0021_SW060, 0021_SW068, 0021_SW069	0021_SW032 and 0021_SW022
Oily sheens	-	A slight oily sheen was noted surface water location 0021_SW048
Flow observations	-	All locations were observed to be flowing or tidally influenced, except for the following: 0020_SW018, 0021_SW045, 0021_SW020, 0021_SW076, 0021_SW078, 0021_SW079, 0021_SW080, 0021_SW130, and 0021_SW022.

Table 15 Surface water 2024 field parameter range

Site	Sampling event	pH	EC (µS/cm)	DO (mg/L)	Redox (mV) 1	Temperature (°C)
0020	April 2024	4.02 – 8.84	160 – 47395	2.29 – 8.11	172.6 – 542.2	18.4 – 24.4
	October 2024	5.91 – 9.15	122.0 – 45405	2.91 – 11.25	245.9 – 545.5	13.8 – 29.7
0021	April 2024	3.55 – 7.73	93.2 – 44340	2.4 – 11.05	158.2 – 471.4	14.6 – 23.7
	October 2024	4.57 – 8.27	89.1 – 45505	1.0 – 10.56	172.1 – 915.5	11.6 – 23.7

Table Notes:

1 – Values have been corrected to standard hydrogen electrode (SHE), by adding 205 mV to the field reading.

Groundwater

Field observations of well conditions are outlined per well in the event factual reports provided in Appendix I. In general, well conditions were considered to be fair to good for all locations, other than locations considered likely to have been destroyed (as outlined in Section 4.2) and a number of poor quality wells (15 locations identified in April 2024, and four locations identified in October 2024, noting that GHD undertook some general maintenance activities on the wells in mid-2024) as outlined in the factual reports.

Water quality parameters per location are provided in Table C1, Appendix C, with observations and field parameters summarised in Table 16 and Table 17 respectively. No indicators of contamination were present, other than hydrocarbon odour and/or sheen at locations 0021_MW133 and 0021_MW062 in April and October respectively.

Table 16 Summary of field water quality observations – groundwater 2024

Characteristic observed	April 2024	October 2024
Water quality observations	-	Water colour ranged from clear to coloured (yellow, orange, pale brown to brown to dark brown). Some locations had turbid water; turbidity estimates ranged from low to high turbidity. Some locations had sedimentation accumulation at the base of the HydraSleeve or Bailer when removing the water. Organic flocculation and suspended solids were also noted at some locations.
Hydrogen sulphide odours	0021_MW025 and 0021_MW106	0020_MW017, 0021_MW061, 0021_MW109, 0021_MW107, 0021_MW065, 0021_MW072, 0021_MW136, 0021_MW135, 0021_MW138, 0021_MW139, 0021_MW140 and 0021_MW130
Organic odours	0021_MW025	0020_MW109, 0020_MW110, 0020_MW057 0021_MW118, 0021_MW020, 0021_MW128, 0021_MW131, 0021_MW125 and 0021_MW125.
Hydrocarbon odour and sheens	0021_MW133 hydrocarbon odour	0021_MW062 recorded a hydrocarbon odour and had oily sheen

Table 17 Groundwater 2024 field parameter range

Site	Sampling event	pH	EC (µS/cm)	DO (mg/L)	Redox (mV) ¹	Temperature (°C)
0020	April 2024	3.71 – 7.12	189 – 671	0.67 – 6.77	225.9 – 471.0	18.9 – 23.9
	October 2024	4.01 – 6.09	2.18 – 1911.00	0.77 – 5.31	112.6 – 460.0	15.9 – 21.0
0021	April 2024	3.84 – 6.79	91.1 – 1792	0.67 – 6.31	90.6 – 554	15.0 – 24.2
	October 2024	4.07 – 7.00	89.20 – 1851.00	0.8 – 9.06	-535.0 – 570.4	14.6 – 20.5

Table Notes:

1 – Values have been corrected to standard hydrogen electrode (SHE), by adding 205 mV to the field reading.

6.2.2 Groundwater elevations and flow directions

The groundwater standing water level was measured at each monitoring well prior to sampling. Gauging results are provided in Table C2, Appendix C. No light non-aqueous phase liquid (LNAPL) was identified in any of the groundwater wells during either sample event.

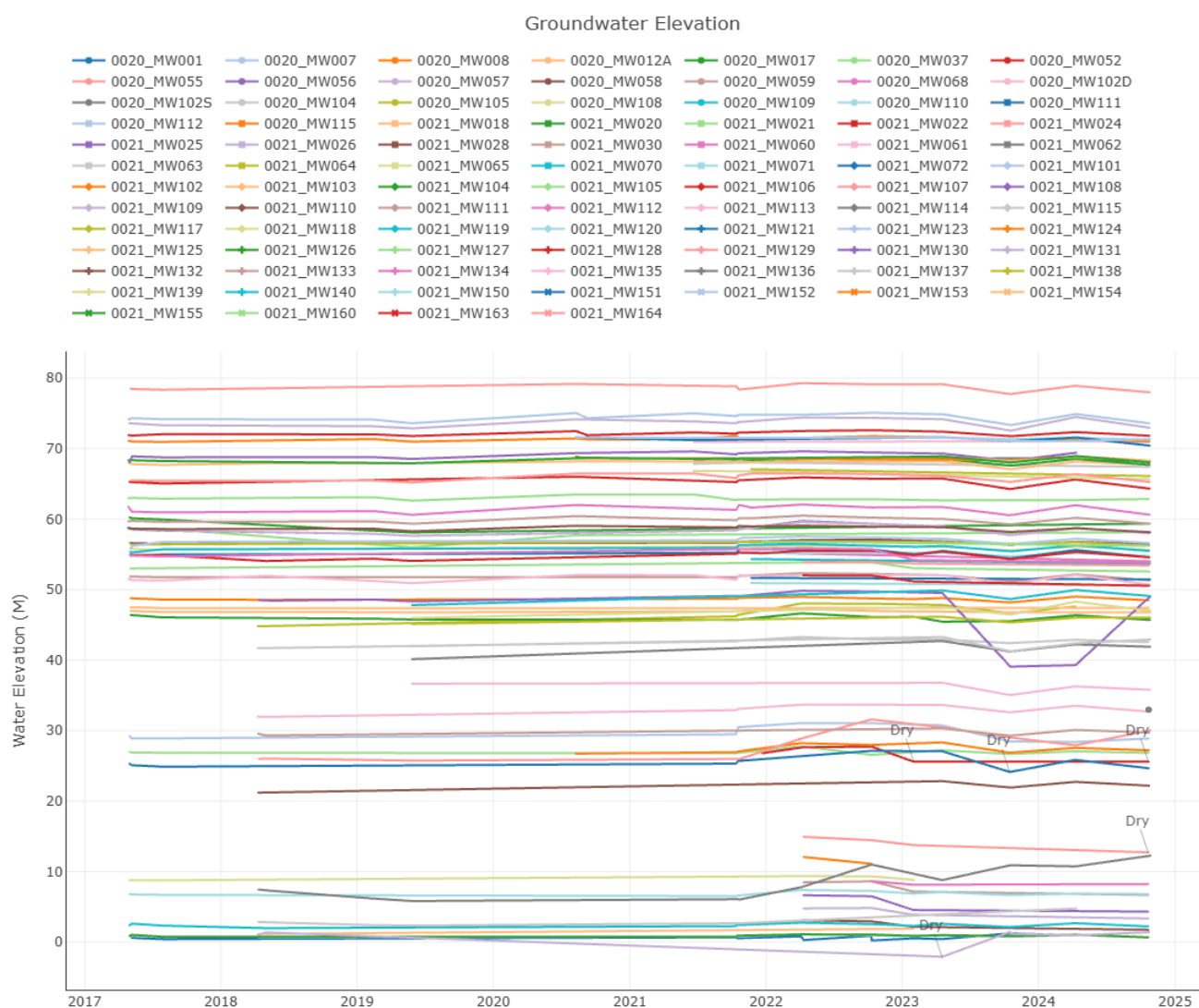
Based on the standing water level and top of well casing survey data, the groundwater elevation in m AHD can be calculated. Calculated elevations are provided in Table C2, Appendix C, with a summary of gauging results per event provided in Table 18.

Groundwater elevation graphs per monitoring zone are provided in Appendix G (Plates G.1 to G.6), with all results shown on Graph 2 below. Graph 2 shows three distinct groundwater elevation groups; elevation greater than 40 m AHD, between 40 and 20 m AHD, and the lowest less than 15 m AHD.

Interpolated groundwater contours and the inferred groundwater flow directions for the upper aquifer are shown on Figure 4, Appendix A. For both monitoring events, wells 0021_MW129, 0021_MW130, 0021_MW135, 0021_MW136, 0021_MW138, 0021_MW139 have been discounted from the interpolation, as these wells are representative of the underlying, lower aquifer. The inferred groundwater flow directions were consistent across both monitoring events and with findings of the Detailed Site Investigation (GHD, 2019a).

Table 18 Groundwater elevation summary 2024

	April 2024	October 2024
Depth to groundwater (m bTOC) range	0.014 (0021_MW024) and 19.890 (0020_MW102D)	0.021 (0020_MW114) and 17.78 (0021_MW129)
Groundwater elevation (mAHD) range	0.794 (0020_MW007) and 78.880 (0021_MW102)	0.518 (0020_MW012) and 77.957 (0021_MW024)
Inferred groundwater flow direction for upper aquifer	North, west and south	North, west and south



Graph 2 Groundwater elevation (m AHD) for all locations gauged in 2024

6.2.3 Water analytical results

Analytical results from the monitoring period, as well as associated historical data, are compared to the adopted screening criteria in Appendix C. The concentration of PFOS+PFHxS per monitoring location for surface water and groundwater are shown on Figure 5 and Figure 6, Appendix A.

Groundwater and surface water analytical results were compared to the adopted performance measures for PFOS and PFOS+PFHxS. A summary of performance measure exceedances for the last monitoring data point per

'pathway' and 'receptor' location, within surface water catchment groups, is provided in Table 19 (water samples associated with infrastructure tanks are considered in Section 6.3). Where a performance measure has been applied for contextual purposes, an exceedance of the measure does not indicate a potential risk that has not previously been identified, assessed and/or managed. Therefore exceedances of 'contextual' performance measures has not been included in Table 19 (but has been considered in Section 7). There were no exceedances of adopted screening criteria for PFOA.

Table 19 Summary of performance measure exceedances for last sample – groundwater and surface water

Catchment	NEMP (2025) 95% species protection: PFOS	ADWG – health (2025)	NEMP (2025) recreational: PFOS+PFHxS	Human Health Consumption of biota (>0.01 ug/L): PFOS+PFHxS
Bherwerre Barrier	None	Not applicable	Not applicable	0021_MW115
Captains Lagoon	Contextual	Not applicable	0020_MW012 0020_MW012A 0020_MW058 0021_MW108 0021_SW019	Not applicable
Flatrock Creek	Contextual	Not applicable	0020_MW110 0020_MW111 0020_SW022 0021_MW164	Not applicable
Lakes	None	None	None	None
Clay Pools (sub-catchment of the Lakes)	None	Not applicable	None	0021_SW079 0021_SW080
Mary Creek	Contextual	Not applicable	Contextual	Not applicable
Summercloud Creek	0021_MW022 0021_MW131	Not applicable	None	Not applicable
Telegraph Creek	None	Not applicable	None	None

6.2.4 Trend assessment

Line of best fit

Time series graphs of PFOS+PFHxS concentration for all groundwater and surface water locations (including those classified as 'source' locations) in all catchment areas are provided in Appendix D (noting that PFOS and PFHxS have been shown to be the dominant PFAS species at this site).

R squared calculations, the maximum/minimum value results and the date of maximum/minimum result occurrence are provided in Appendix F for PFOS+PFHxS and PFOS at all locations (PFOA was not assessed on the basis that it is not a primary risk driver for the site). A summary of 'pathway' and 'receptor' locations where a strong trend was calculated and determined to be valid is provided in Table 20. The last sample was also considered to determine if it is a new maximum / minimum³, and has been included in Table 20 for locations with strong trends.

³ New maximum's that occurred in each monitoring event are outlined in factual reports provided in Appendix I, noting that new maximums which occurred in April 2024 may be outdated by October 2024 results if that location was sampled again in October 2024. Similarly, if a location was not accessed / sampled in 2024, the most recent maximum result would not have been highlighted in the factual reports as it occurred in previous monitoring events, however that maximum is still valid for the purpose of assessing potential changes at the site. Hence for the purpose of this assessment, locations where the most recent result is the maximum value have been considered, regardless of their most recent sample date.

Table 20 Summary of 'pathway' and 'receptor' groundwater and surface water locations with strong linear trends

Catchment	Location ID (SPR classification)	Analyte	Trend direction	Latest sample maximum? (Date)		Latest sample minimum? (Date)	
Flatrock Creek	0020_MW001 (pathway)	PFOS+PFHxS	Down	N		N	
		PFOS	Down	N		N	
	0020_MW108 (pathway)	PFOS+PFHxS	Up	N		N	
		PFOS	Up	Y	Jan 23 ³	N	
	0020_MW110 (pathway)	PFOS+PFHxS	Up	N		N	
		PFOS	Up	Y	Oct 24	N	
	0021_MW164 (pathway)	PFOS+PFHxS	Down	N		Y	Oct 24
		PFOS	Down	N		Y	Oct 24
	0020_SW054 (pathway)	PFOS	Up	Y	Oct 24	N	
	0021_MW163 (pathway)	PFOS	Up	Y	Oct 24	N	
Captains Lagoon	0020_MW055 (pathway)	PFOS+PFHxS	Down	N		Y	Jan 23 ³
Mary Creek	0021_MW070 (pathway)	PFOS+PFHxS	Down	N		Y	Oct 24
		PFOS	Down	N		Y	Oct 24
	0021_MW071 (pathway)	PFOS+PFHxS	Down	N		Y	Oct 24
		PFOS	Down	N		Y	Oct 24
	0021_MW060 (pathway)	PFOS	Up	Y	Oct 24		
Summercloud Creek	0021_MW131 (pathway)	PFOS+PFHxS	Up	Y	Oct 24	N	
		PFOS	Up	Y	Oct 24	N	

Box and whisker plots

Box and whisker plots were used to undertake further assessment of 2024 data within the context of the catchment area, as well as the locations source, pathway, receptor classification. The 2024 monitoring period data (ie. 'recent' data) for each location was grouped together by catchment / classification and compared to the historical data of the same category. Box and whisker plots for groundwater and surface water per catchment area are provided in Appendix E for PFOS+PFHxS, and a summary of the outcomes per catchment is provided in Table 21.

Table 21 Box and whisker plot PFOS+PFHxS population summary for each SPR classification – Groundwater and surface water

Catchment	Media	Recent population within range of historical population?		
		Source	Pathway	Receptor
Bherwerre Barrier	Groundwater	-	-	Yes
	Surface water	-	-	IQR outside historical IQR range, but less than historical total range
Captains Lagoon	Groundwater	IQR outside historical IQR range, but less than historical total range, and mean is noted to be comparable between	Yes	-

Catchment	Media	Recent population within range of historical population?		
		Source	Pathway	Receptor
		'historic' (11.3 ug/L) and 'recent' (12.7 ug/L)		
	Surface water	Yes	Yes	Yes
Flatrock Creek	Groundwater	Yes	IQR outside historical IQR range, but less than historical total range	-
	Surface water	IQR greater than historical range, but upper end of that range (ie. 75th percentile) is approximately equal. New maximum concentration (was 1.07 ug/L, now 1.112 ug/L)	Yes	Yes
Lakes	Groundwater	-	Yes	-
	Surface water	-	Yes	Yes
Clay Pools	Groundwater	-	-	Yes
	Surface water	-	-	IQR outside historical IQR range, but less than historical total range
Mary Creek	Groundwater	IQR marginally outside historical IQR range (75th percentile historically 24.05 ug/L, recent data set 25.6 ug/L), but less than historical total range and recent mean is lower	Yes	-
	Surface water	Yes	Yes	Yes
Summercloud Creek	Groundwater	-	Yes	-
	Surface water	-	Yes	Yes
Telegraph Creek	Surface water	-	Yes	Yes

Table Notes:
 - = Not applicable / no locations in category
 IQR = Inter quartile range (between 25th and 75th percentiles). Refer to Appendix E for schematic explanation of box and whisker plots, including the IQR.

6.3 Tank infrastructure water results

6.3.1 Sampling location description

RAN SSSS

Tank water sampling at the RAN SSSS was undertaken at the following locations in both April and October 2024 monitoring events:

- Tank S415 (OTH001) – training firefighting water supply tank via hydrants on the training concrete. Surface water runoff goes through foam treatment system back into S415 as a closed loop system.
- Tank S416 (OTH002) – main firefighting water tank, made of concrete, located in the south-east portion of RAN SSSS. This tank is filled using the mains potable water supply. The existing tank is scheduled for replacement, and the new tank will continue to fulfil the existing purpose.

- Tank S426 (OTH003) – fire training ground surface water oil separator reclaim pit. This pit was formerly part of the closed loop system with S415, capturing surface water runoff from further upgradient in the RAN SSSS than S415 including rainwater runoff, but in early 2024 was redirected to discharge to sewer. S426 was demolished in late 2024/early 2025, and is no longer in service.
- Tank S439 (OTH004) – supply tank for damage control training unit. Tank is scheduled for decommissioning in 2025, and no new tank will be installed (training methods changing from wet to dry).
- Tank S440 (OTH005) – concrete sump tank associated with damage control training unit. Tank is scheduled for decommissioning in 2025, and no new tank will be installed (training methods changing from wet to dry).
- Tank S481 (OTH006) – dynamic leak stop training repair unit (a tall white tank, located in the south-west corner of RAN SSSS). No future works are scheduled for this tank, and it will remain in use.

Water from the above closed loop systems is recycled on site from the firefighting training area through a foam treatment plant that uses an activated carbon filtration system. Water from the damage control training units is recycled through respective plant rooms containing sand and diatomaceous earth (DE) filters. Sludge and water from the collection tanks may be transported off-site by contractors periodically. The integrity of the tanks has remained a concern, with subsurface concrete structures potentially enabling PFAS impacted groundwater to infiltrate the infrastructure. Hence some tanks (and a portion of the associated infrastructure) are scheduled for replacement as part of the RAN SSSS upgrade works.

Sewerage treatment plant

Three surface water monitoring locations are associated with the STP processing tanks:

- 0020_SW035 is collected at the STP inlet screen (ie. raw sewerage input).
- 0020_SW036 is collected from the aeration ponds, where there are three in parallel.
- 0020_SW037 is collected from the STP outlet (a large pit, furthest north), and is representative of the final treated water STP outputs.

6.3.2 Field observations and water quality parameters

Water quality parameters per location are provided in Table C1, Appendix C, with observations and field parameters summarised in Table 22 and Table 23 respectively.

Table 22 Summary of field observations – infrastructure tanks

Characteristic observed	April 2024	October 2024
General observations	Chlorine-like odour at one tank water location (0021_OTH004)	Slight unidentified odour at 0021_OTH006. Strong sewerage odour at 0020_SW035. Moderate to high turbidity at 0020_SW036 and 0020_SW037, brown colour.
Flow observations	-	No flow was observed at 0020_SW035, 0020_SW036 or 0020_SW037. It is also assumed that there was no flow in the RAN SSSS tanks at the time of sampling.

Table 23 Infrastructure tank 2024 field parameter range

Infrastructure group	Sampling event	pH	EC (µS/cm)	DO (mg/L)	Redox (mV) ¹	Temperature (°C)
RAN SSSS	April 2024	7.09 – 8.88	65.2 – 1384	5.28 – 12.84	355.5 – 874.4	18.7 – 22.0
	October 2024	6.54 – 7.39	288 – 788	6.02 – 7.86	707.0 – 890.0	19.1 – 20.4
STP	April 2024	5.54 – 5.90	383.9 – 1796	3.44 – 7.66	398.6 – 542.2	21.7 – 22.8
	October 2024	5.93 – 9.55	501 – 900	3.31 – 13.09	208.6 – 293.9	18.5 – 21.9

Table Notes:

1 – Values have been corrected to standard hydrogen electrode (SHE), by adding 205 mV to the field reading.

6.3.3 Analytical results

Tank water analytical results from the monitoring period, as well as associated historical data, are summarised compared to the generic adopted screening criteria in Table C4, Appendix C, noting that the screening criteria are not directly applicable to these locations.

RAN SSS tank samples were compared to the adopted performance measure of 39.7 ug/L PFAS (sum of total). There were no exceedances of the performance measure in either April or October 2024.

No performance measures were adopted for the STP tank samples. The concentration of PFOS+PFHxS per monitoring location for surface water are shown on Figure 5 and Figure 6, Appendix A, for the April 2024 and October 2024 monitoring events respectively.

There were no first time detections at any of the monitoring locations in either monitoring event.

6.3.4 Trend assessment

Line of best fit

Time series graphs of PFOS+PFHxS concentration for infrastructure locations are provided in Appendix D (noting that PFOS and PFHxS have been shown to be the dominant PFAS species at this site).

R squared calculations, the maximum/minimum value results and the date of maximum/minimum result occurrence are provided in Appendix F for PFOS+PFHxS and PFOS (PFOA was not assessed on the basis that it is not a primary risk driver for the site). A summary of locations where a strong trend was calculated and determined to be valid is provided in Table 24. The last sample was also considered to determine if it is a new maximum / minimum⁴, and has been included in Table 24 for locations with strong trends. No strong trends were identified for STP infrastructure locations.

Table 24 Summary of infrastructure locations with strong trends

Infrastructure group	Location ID	Analyte	Trend direction	Latest sample maximum? (Date)		Latest sample minimum? (Date)	
RAN SSSS	0021_OTH005	PFOS+PFHxS	Down	N		Y	Oct 24
		PFOS	Down	N		Y	Oct 24

Box and whisker plots

Box and whisker plots were used to undertake further assessment on groups of locations. The most recent data (ie. last sample date) for each location was grouped together by RAN SSSS or STP and compared to the historical data of the same category. Box and whisker plots for infrastructure tanks are provided in Appendix E for PFOS+PFHxS, and a summary of the outcomes per catchment is provided in Table 25.

Table 25 Box and whisker plot PFOS+PFHxS population summary – infrastructure tanks

Infrastructure group	Media	Recent population within range of historical population?
RAN SSSS	Water	Yes
STP	Water	IQR outside historical IQR range and total range, however the 75 th percentile, median and mean are lower than those calculated for historic results.

⁴ New maximum's that occurred in each monitoring event are outlined in factual reports provided in Appendix I, noting that new maximums which occurred in April 2024 may be outdated by October 2024 results if that location was sampled again in October 2024. Similarly, if a location was not accessed / sampled in 2024, the most recent maximum result would not have been highlighted in the factual reports as it occurred in previous monitoring events, however that maximum is still valid for the purpose of assessing potential changes at the site. Hence for the purpose of this assessment, locations where the most recent result is the maximum value have been considered, regardless of their most recent sample date.

6.4 Sediment results

6.4.1 Field observations

Sediment sampled and logged during 2024 monitoring events comprised of sand, silt and clay materials with gravel in April 2024 and minor inclusions of gravel in October 2024, and with varying amounts of organic material (roots, leaves, grass and decaying organics) in both monitoring events. No anthropogenic material, staining or odours were observed, other than organic odours at some locations and a 'slight sulfurous odour' at 0021_SD037 and 0021_SW066.

6.4.2 Analytical results

Sediment analytical results from the monitoring period, as well as associated historical data, are summarised in Table C5, Appendix C. The concentration of PFOS+PFHxS per monitoring location for sediment are shown on Figure 7 and Figure 8, Appendix A, for the April 2024 and October 2024 monitoring events respectively.

As detailed in Section 4.4 and Section 5, performance measures were adopted for sediment samples associated with the Clay Pools and Summercloud Creek (noting that all locations in these catchments are classified as either 'pathway' or 'receptor'). Locations exceeding the performance measures are summarised in Table 26.

Table 26 Summary of performance measure exceedances for last data point – sediment

Catchment	Number of locations sampled per event	Performance measure	Locations where last data point concentration exceeds performance measure
Clay Pools	5 (both April and October)	HHRA EPC: 0.0014 mg/kg PFAS (sum of total)	0021_SD069
Summercloud Creek	April – 5 October - 4	Concentration PFAS (sum of total) >0.0002 mg/kg	0021_SD047 0021_SD048 0021_SD049

Trend analysis over time is not considered appropriate for sediment samples due to the highly transient nature of sediment (ie. one sample is not directly correlated with another from the same location).

7. Interpretation and discussion

Analytical results for 'pathway' and 'receptor' locations were interpreted in relation to the adopted performance measures and trend assessment for the catchment specific SPR linkages and management scenarios (as outlined in Appendix B). Data tables and associated performance measure assessment per location is provided in Appendix F, and the outcomes per catchment have been considered in the following subsections. Locations classified as 'source' were not individually assessed, and have generally been excluded from the discussion unless specified.

7.1 Site conditions

7.1.1 Climatic conditions

Short term rainfall events can affect surface water conditions, whereas longer climatic conditions can influence groundwater conditions.

As outlined in Section 3.4, the October sampling event is representative of drier rainfall conditions than the April 2024 sampling event. The Mary Creek Mass Flux Assessment (GHD, 2022) included assessment of wet-weather events at the site using auto samplers to collect a series of surface water samples during a rainfall event, and the outcomes indicated that the 'first flush' of rainfall run-off usually contains higher PFAS concentrations than standard flows or subsequent rainfall runoff. The Northern Catchments Mass Flux assessment (GHD, 2024a) defined a wet weather event as 25 mm (or more) over 24 hours. The cumulative rainfall in both April or October events did not reach this wet weather trigger, and results are therefore unlikely to be influenced by variability associated with 'first flush' surface water runoff. This is further supported by PFAS concentration data which does not indicate site wide changes in concentrations.

The total annual rainfall for JBRF Airfield station indicates that in 2024, the site received a comparable amount of rainfall to previous years, with the exception of 2019 and 2022 (which appear to be exceptionally 'dry' and 'wet' years respectively). Groundwater conditions are therefore considered likely to be comparable between the two 2024 monitoring events, and with historical data. This is further assessed in Section 7.1.2.

7.1.2 Groundwater levels

The measure groundwater levels collected during the current monitoring period are provided in Table C2, Appendix B and interpolated groundwater contours for both April and October monitoring events are provided in Figure 4, Appendix A. Groundwater elevation over time is graphed in Appendix G.

Groundwater elevations are shown to be relatively consistent between the two events, with minor differences due to a more comprehensive set of groundwater wells being monitored in October 2024 compared to April 2024. Additionally, the groundwater contours are considered to indicate consistent flow paths compared to historical results (ie. groundwater flowing radially from the topographical high point east of the RAN SSSS), based on relatively consistent groundwater elevations over time, as shown in Appendix G.

7.1.3 Changes in water and land use

No changes of water and land use compared to the initial site CSM have been identified at the site or in surrounding areas during the 2024 OMP events that would trigger a response action or require reconsideration in the site CSM (and thus overall site risk profile assessment).

7.2 Mary Creek

7.2.1 Human health

Due to previously identified potentially elevated risks to human health in Mary Creek, administrative controls are in place to limit all human use. As such, trend assessment is the primary mechanism of assessment for human health risks in this catchment to identify potential changes in PFAS concentrations (and associated risk profile), with screening criteria adopted to provide context to the magnitude of results. 50 locations in total (27 groundwater, 23 surface water) were included in the OMP program within the Mary Creek Catchment in the 2024 annual period. Of these locations, eight groundwater locations were classified as 'pathway' locations (no 'receptor' groundwater locations) and there were ten surface water 'pathway' and 'receptor' locations, noting that not all locations were successfully sampled within the 2024 annual period (as indicated in Table 10).

No increasing trends were identified at 'pathway' or 'receptor' locations for PFOS+PFHxS in either groundwater or surface water, and a strong decreasing trend was identified in two groundwater locations (0021_MW070 and 0021_MW071, both categorised as pathway and with new minimum concentrations). Given the decrease in concentrations, no further action is considered necessary at these locations. It is therefore unlikely that the overall risk profile (via the consumption of biota) has significantly changed, and it is possible that overall PFOS+PFHxS concentrations are decreasing in the catchment. Monitoring should continue as per the OMP.

Two 'pathway' locations (0021_MW070 and 0021_MW072) exceeded the NEMP (2025) recreational criterion for PFOS+PFHxS. Location 0021_MW072 did not have a strong downward trend identified (unlike 0021_MW070 as noted above). Location 0021_MW072 therefore required further consideration due to the performance measure exceedance, as per the initial response actions outlined in Appendix B:

- Receptor exposure at this location is not plausible given the location is groundwater and it is located on-base (ie. not directly representative of surface water conditions off-site). However, it is possible that groundwater from this location may discharge into the headwaters of Mary Creek.
- The exceedance is greater than the potential laboratory margin of error, as shown in Graph 3.

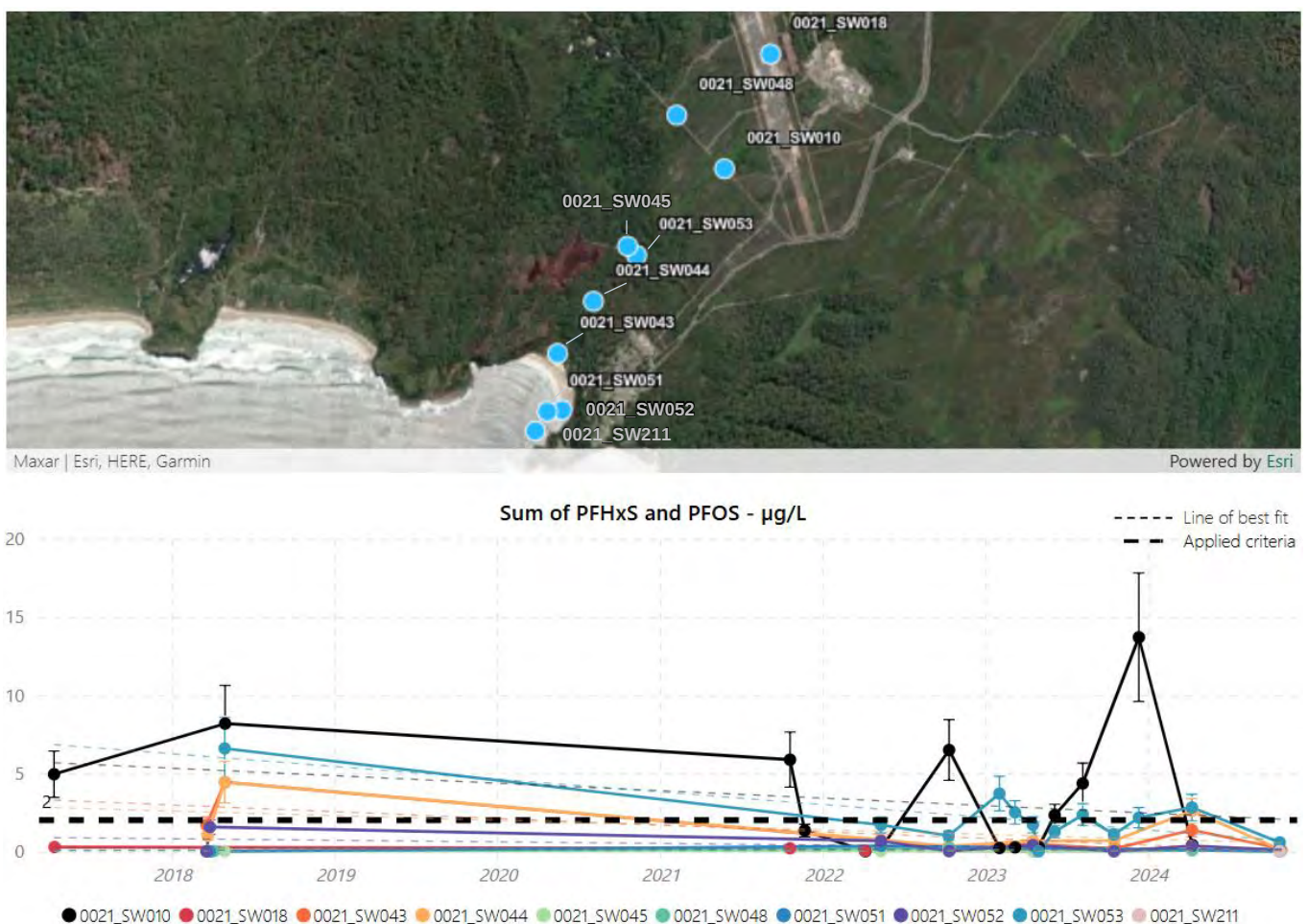


Graph 3 Locations in Mary Creek catchment indicating potential change, showing the NEMP (2025) recreational criteria

Given the individual nature of location 0021_MW072, and the decreasing trends observed in adjacent groundwater locations, this exceedance of the recreational criteria is not considered to indicate a potential increased risk to human health beyond that already identified in the HHRA.

Many of the Mary Creek surface water monitoring locations have historically exceeded the recreational criteria, but the concentration of PFOS+PFHxS was below the criteria for all surface water locations in 2024 with the exception of 0021_SW053 and 0021_SW044 in April (however decreased to below criterion in October 2024), as shown in Graph 4. These decreases could be related to source zone remediation activities undertaken at JBRF over 2023 and 2024, and currently occurring at the RAN SSSS. Further validation monitoring of specific remediation activities is required to further assess the potential impacts of these activities.

Civil works have been undertaken in AEC A and at JBRF runways in 2024, which are known to have caused soil/sediment disturbance in the headwaters of the Mary Creek catchment. While monitoring locations in source zones do indicate a potential change in the catchment (noting many have limited data sets which require further verification), the majority of 'pathway' and 'receptor' monitoring locations downgradient of AEC A have not been reported as having concentration changes. Therefore site civil works are not considered to have affected the overall risk profile of this catchment based on OMP monitoring data to date.



Graph 4 Pathway and receptor surface water locations of Mary Creek, showing the NEMP (2025) recreational criteria

7.2.2 Ecological

The ERA (GHD, 2020a) identified potentially elevated risks to ecological receptors associated with the Mary Creek catchment. Trend assessment is therefore the primary mechanism of assessment for ecological risks in this catchment, with screening criteria adopted to provide context to the magnitude of results, to identify potential changes in PFAS concentrations (and associated risk profile).

50 locations (27 groundwater, 23 surface water) were monitored within the Mary Creek Catchment in the 2024 annual period. A strong increasing trend for PFOS was identified at one groundwater location (0021_MW060,

'pathway', located on the south-west JBRF site boundary), with the final result as the maximum concentration (0.06 ug/L), but the maximum did not exceed the adopted performance criteria (0.13 ug/L), and no strong increasing trends were identified for surface water. For both media, box and whisker plots (Plate E.11 and Plate E.12, Appendix E) indicate that the most recent monitoring data is within the range of historical data for pathway and receptor locations. It is therefore considered unlikely that the increasing trend at 0021_MW060 is representative of a change in risk profile for the catchment. Furthermore, a strong decreasing trend for PFOS was identified at two groundwater locations (0021_MW070 and 0021_MW071, both categorised as 'pathway'), also located on the site boundary adjacent to 0021_MW060.

7.3 Flatrock Creek

7.3.1 Human health

Recreational use of Flatrock Creek was determined to have a low and acceptable risk in the HHRA (GHD, 2019b). As such, the catchment does not have administrative controls associated with the recreational exposure pathway, and the NEMP (2025) recreational screening criteria was adopted as the performance measure for this pathway. A potentially elevated risk associated with consumption of biota was determined in the HHRA, and administrative control restricting consumption of aquatic biota is in place for the Flatrock Creek catchment. As such, trend assessment is the primary mechanism of assessment for human health risks associated with biota consumption in this catchment, to identify potential changes in PFAS concentrations (and associated risk profile).

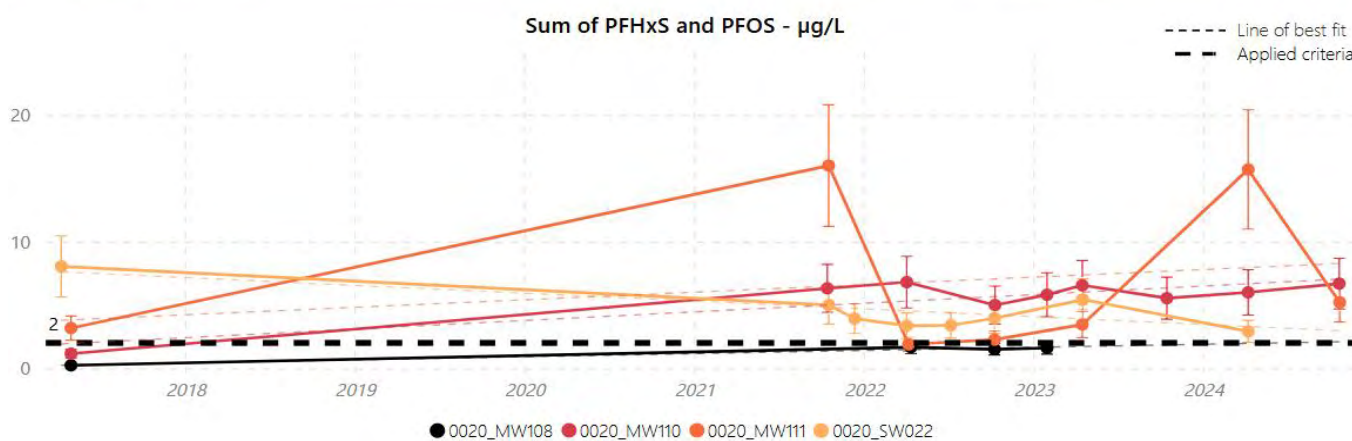
Strong trends for PFOS+PFHxS concentrations were identified at four of the 15 groundwater 'pathway' locations (noting no 'receptor' groundwater locations, and 'source' locations have been excluded from assessment); two downward trends (0020_MW001 and 0021_MW164) and two upwards trends (0020_MW108⁵ and 0020_MW110). Additionally, one surface water (out of 13 'pathway' and 'receptor' locations) and three groundwater locations continued to exceed the adopted recreational performance criteria (0020_MW110, 0020_MW111, 0020_SW022, 0021_MW164). Based on Appendix B, four of these locations required further consideration as initial responses, which has been undertaken in Table 27, supported by Graph 5. Box and whisker plots (Plate E.5 and Plate E.6, Appendix E) indicate that the 2024 monitoring data for groundwater and surface water is within the range of historical data.

Table 27 Flatrock Creek - Further assessment of locations associated with recreational and consumption of biota performance measure exceedances (PFOS+PFHxS)

Loc ID (SPR classification)	Appendix B category	New maximum conc?	Is the exceedance greater than the potential laboratory margin of error?	New exceedance?	Is receptor exposure possible?	Conclusion
0020_MW108 (pathway)	Upward trend, no exceedance	No	Considering the laboratory margins of error, it is possible that this result exceeds the adopted criteria.	No - Results are similar to those measured since April 2022 (noting the criteria is also within the laboratory margin of error for historic results, and are therefore also possibly exceeding)	Not directly, however groundwater may migrate and discharge to surface water environments (Flatrock Creek)	Consider secondary response actions
0020_MW110 (pathway)	Upward trend, exceeding recreational	No	Yes, true exceedance.	No - Exceeded criteria since October 2021 (but did not originally in 2018).	Not directly, however groundwater may migrate and discharge to surface water environments	Consider secondary response actions

⁵ 0020_MW108 was not sampled in 2024, however is part of the OMP program and historical data has therefore been considered (particularly given that 2024 is the first year to adopt an alternative assessment approach).

Loc ID (SPR classification)	Appendix B category	New maximum conc?	Is the exceedance greater than the potential laboratory margin of error?	New exceedance?	Is receptor exposure possible?	Conclusion
					(Flatrock Creek wetlands)	
0020_MW111 (pathway)	No trend, exceeding recreational	No	Yes, true exceedance.	No - exceeded criteria in all monitoring rounds since 2018.	Not directly, and location noted to be a substantial distance from possible surface water discharge locations.	Not a new exceedance and no strong trend identified. Continue monitoring as per OMP.
0020_SW022 (pathway)	No trend, exceeding recreational	No – new minimum	Marginal exceedance – lower limit of possible error equal to adopted criteria. Overall downward trend observed in Graph 5 (noting no strong trend was calculated to be present using R ²).	No - exceeded criteria in all monitoring rounds since 2018.	No - Located at the Creswell fire station, and not directly representative of a receptor environment.	New minimum with overall downward trend observed. Continue monitoring as per OMP.

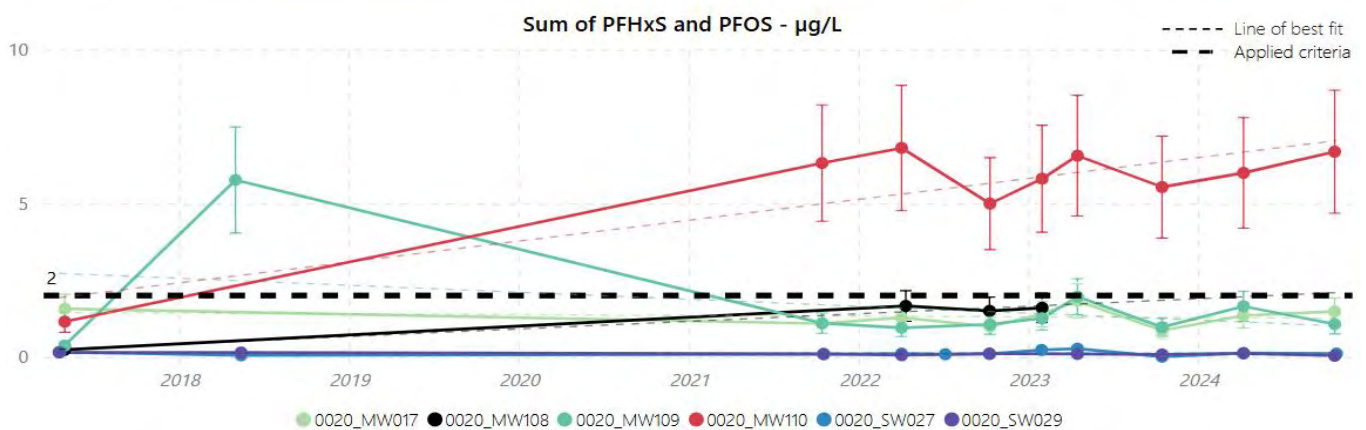


Graph 5 Flatrock Creek locations requiring further consideration, showing the NEMP (2025) recreational criteria

Increasing trends exceeding the performance measures at two groundwater locations triggers a requirement to consider secondary response actions for these locations and the wider catchment:

- **Confirm if trend is observed in downgradient pathway / receptor locations:** Downgradient locations and associated PFOS+PFHxS concentrations are shown in Graph 6. Upwards trends are not observed in groundwater or surface water down gradient of 0020_MW108 and 0020_MW110, including at the receptor exposure point in Flatrock Creek.
- **Consider increasing monitoring frequency and/or monitoring network:** Given that increasing trends were only identified in two of 15 groundwater locations, and that similar trends/exceedances are not observed in downgradient locations, it is not considered necessary to increase the monitoring frequency. It is noted that 0020_MW108 has not been monitored since early 2023 and is assumed to be destroyed. It would be beneficial to reinstate this monitoring location to confirm the current status of PFAS concentrations in this area.
- **Re-evaluate risk assessment for that SPR and/or implement management measures:** A risk assessment would consider PFAS concentrations at the point of potential receptor exposure. As shown in Graph 6, the concentration of PFOS+PFHxS at the two surface water locations directly representative of Flatrock Creek (0020_SW027 and 0020_SW029) have remained consistent with concentrations measured in 2018 and considered for the HHRA. The overall risk profile for this potential exposure pathway is consistent with the outcomes of the HHRA (GHD, 2019b), despite indicators of potential change at individual locations further up gradient in the Flatrock Creek catchment.
- **Assess why upward trend is occurring in context of site (eg. activities, climatic events) with the other locations in catchment:** Monitoring data from late 2021 onwards is observed to be relatively consistent (within laboratory margin of error) between each monitoring event since late 2021. Prior results from 2017 / 2018 are shown in Graph 6 to be lower than those recorded in 2021 onwards for all locations. It is therefore likely that it is the difference between concentrations recorded from 2021 and 2017 / 2018 data that is driving the trends to be calculated as strong, rather than a persistent increase in concentrations over the OMP monitoring events.

As indicated above, the overall risk profile for the recreational and consumption of biota exposure pathways is consistent based on the concentration of PFAS remaining relatively consistent within Flatrock Creek, despite indicators of potential change at individual locations further up gradient in the catchment area. It is noted that there are no new exceedances, and that some locations were observed to have an overall downward trend in recent monitoring events. Monitoring in this area should continue as per the OMP.



Graph 6 Flatrock Creek locations downgradient of 0020_MW110 and 00201_MW108, showing the NEMP (2025) recreational screening criteria

7.3.2 Ecology

The ERA (GHD, 2020a) identified potentially elevated risks to ecological receptors associated with the Flatrock Creek catchment. Trend assessment is therefore the primary mechanism of assessment for ecological risks in this catchment to identify potential changes in PFAS concentrations (and associated risk profile), with screening criteria adopted to provide context to the magnitude of results.

A strong trend was identified at six locations for PFOS; two downward trends (0020_MW001 and 0021_MW164) and four upwards trends (0020_MW108, 0020_MW110, 0021_MW163 and 0020_SW054), all classified as 'pathway' locations. No further assessment / action is required for the two locations with downwards trends, though it is noted that 0021_MW164 (located on the north-western side of the east-west runway at JBRF) has decreased to a new minimum PFOS concentration. However, location 0021_MW163 is located immediately downgradient and a strong increasing trend is observed at that location, and the concentration of PFOS is consistently greater than the NEMP (2025) 95% species protection level at both locations.

In regards to the locations with upwards trends, as per initial response actions in Appendix B:

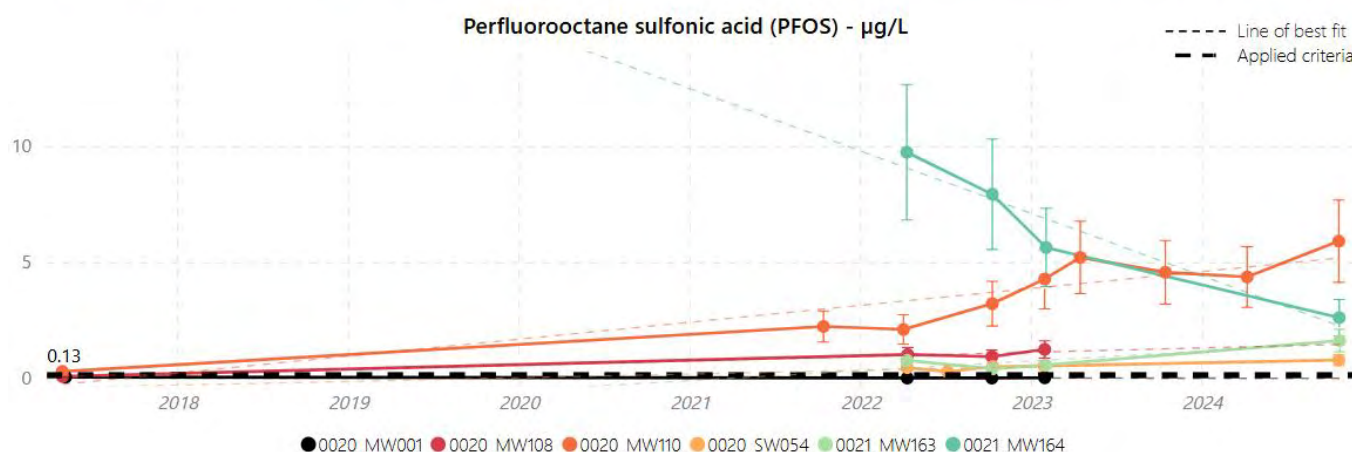
- The concentrations of PFOS are greater than the NEMP (2025) 95% species protection level by the potential laboratory margin of error at all four locations (ie. are true exceedances), however have exceeded the criteria since each location was first monitored (ie. not a 'new' exceedance) as shown in Graph 7.
- Groundwater locations are not directly representative of receptor environments with a plausible receptor exposure pathway, but groundwater may migrate and discharge into surface water environments. Location 0020_SW054 is located on base in a stream located in the former golf course (AEC E), and therefore could be representative of an aquatic ecology environment.

Given that groundwater locations are not directly representative of ecological receptor environments, and that similar trends have not been identified at down gradient locations in Flatrock Creek (0020_SW027 and 0020_SW029) as shown in Graph 6, groundwater locations with increasing trends are therefore not considered to be representative of a significant change in the overall ecological risk profile of the catchment.

Given that receptor exposure is possible and results are displaying valid trends (as well as a new maximum PFOS concentration), further consideration via the secondary response actions of Appendix B is required for location 0020_SW054:

- **Assess why upward trend is occurring in context of the site (e.g. activities, climatic events) with other locations in catchment:** 0020_SW054 is located immediately down gradient of an area that has been used for temporary stockpiling of excavated material associated with base upgrade works; specifically EST02003 *HMAS Creswell Mid Term Refresh Project* outlined in Section 3.2. It is likely that these stockpiled soils contain PFAS. Based on aerial photographs, the stockpiles were placed in this area after June 2023, and were in existence by April 2024, and based on field observations outlined in Section 6.1, sediment controls are not known to be installed around the stockpile area. It is therefore possible that PFAS impacted surface water runoff and/or sediments are migrating from the temporary storage compound into the 0020_SW054 drainage line, though this suggestion is relatively speculative at this stage. As a precautionary measure, the sediment and surface water runoff controls associated with the temporary storage area should be reviewed and updated if needed (particularly in the context of potential PFAS impacts), to ensure that potentially impacted soils and surface water runoff are not contributing to the increasing trend observed at 0020_SW054.
- **Confirm monitoring program in area is suitable and/or consider increasing monitoring frequency:** The monitoring network is considered suitable, on the basis that there are two surface water sampling locations located downgradient within Flatrock Creek. Monitoring frequency does not need to be increased, as locations are monitored biannually.
- **Confirm management measures are adequate and are being followed / enforced:** It is not possible to implement administrative management measures for ecological receptors, and as noted above, management measures associated with the temporary stockpiling area should be reviewed.

As indicated above, the overall risk profile for ecological exposure pathways is consistent with the ERA (GHD, 2020a) based on the concentration of PFAS remaining relatively consistent within Flatrock Creek, despite indicators of potential change at individual locations further up gradient in the catchment area. It is noted that there are no new exceedances, and that some locations were observed to have an overall downward trend in recent monitoring events. Monitoring should continue as per the OMP.



Graph 7 Flatrock Creek locations with strong trends for PFOS, showing the NEMP (2025) 95% species protection criterion

7.4 Captains Lagoon

7.4.1 Human health

Recreational use of Captains Lagoon was determined to have a low and acceptable risk in the HHRA. As such, the catchment does not have administrative controls protective of the recreational exposure pathway, and the NEMP (2025) recreational screening criteria was adopted as the performance measure for this pathway. A potentially elevated risk associated with consumption of biota was determined in the HHRA, and administrative control restricting consumption of aquatic biota is in place for the Captains Lagoon catchment. As such, trend assessment is the primary mechanism of assessment for human health risks associated with biota consumption in this catchment to identify potential changes in PFAS concentrations (and associated risk profile).

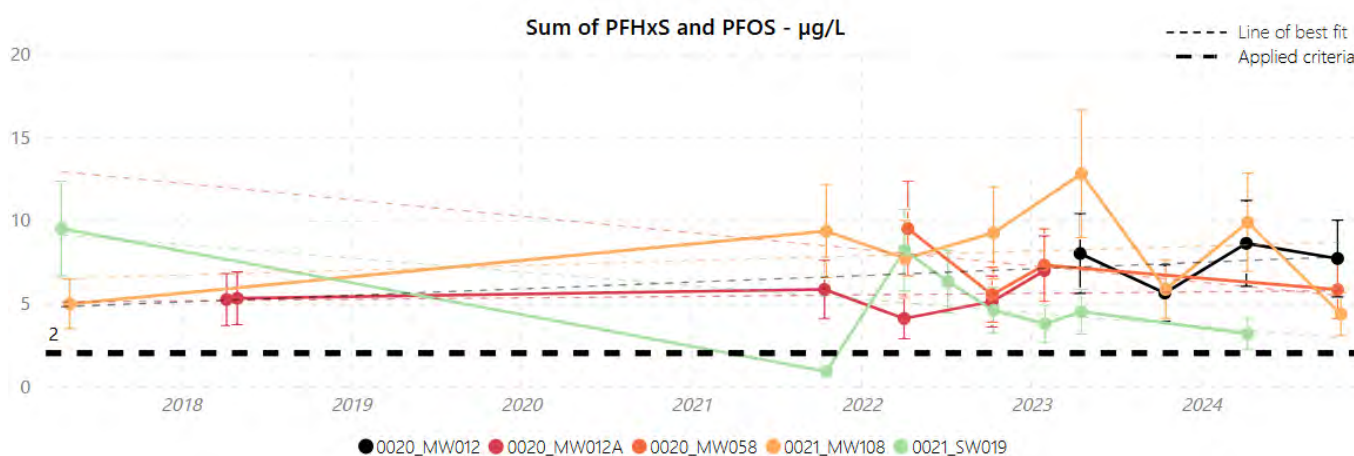
Of the 15 groundwater 'pathway' and 'receptor' monitoring locations, one groundwater location (0020_MW055, classified as 'pathway') was determined to have a strong downward trend for PFOS+PFHxS concentrations, decreasing to a new minimum concentration. No strong upwards trends were identified in either groundwater or surface water (10 'pathway' and 'receptor' locations). No further assessment is considered necessary in regards to trends at individual locations, and the overall PFAS concentrations in the Captains Lagoon catchment are relatively consistent. It is considered that there is no change to the human health risk profile of this catchment via a consumption of biota pathway.

Four groundwater locations (0020_MW012 / 0020_MW012A, 0020_MW058, 0021_MW108) and one surface water location (0021_SW019) exceeded the adopted recreational performance measure, noting that no strong trends were identified at these locations. Based on Appendix B, further consideration of these locations is required, which has been undertaken in Table 28, supported by Graph 8. Box and whisker plots (Plate E.3 and Plate E.4,

Appendix E) indicate that the 2024 monitoring data for groundwater and surface water is within the range of historical data.

Table 28 *Captains Lagoon - Further assessment of locations associated with recreational performance measure exceedances (PFOS+PFHxS)*

Loc ID (SPR classification)	Appendix B category	New maximum conc?	Is the exceedance greater than the potential laboratory margin of error?	New exceedance?	Is receptor exposure possible?	Conclusion
0020_MW012 (pathway)	No trend, exceeding recreational	No	Yes, true exceedance.	No - Results are similar to those measured since initial sampling	Not directly, however groundwater may migrate and discharge to surface water environments.	Limited evidence of change or altered risk profile. Continue monitoring as per OMP.
0020_MW012A (pathway)	No trend, exceeding recreational	Yes (Jan 2023)	Yes, true exceedance.	No - Results are similar to those measured since initial sampling	Not directly, however groundwater may migrate and discharge to surface water environments.	Limited evidence of change or altered risk profile. Continue monitoring as per OMP.
0020_MW058 (pathway)	No trend, exceeding recreational	No	Yes, true exceedance.	No - Results are similar to those measured since initial sampling	Not directly, however groundwater may migrate and discharge to surface water environments.	Limited evidence of change or altered risk profile. Continue monitoring as per OMP.
0021_MW108 (pathway)	No trend, exceeding recreational	No – new minimum (Oct 2024)	Yes, true exceedance.	No - Results are similar to those measured since initial sampling	Not directly, however groundwater may migrate and discharge to surface water environments.	Limited evidence of change or altered risk profile. Continue monitoring as per OMP.
0021_SW019 (pathway)	No trend, exceeding recreational	No	Yes, true exceedance.	No - Results are similar to those measured since initial sampling	No - drainage pathway north of the RAN SSSS at JBRF.	Limited evidence of change or altered risk profile. Continue monitoring as per OMP.



Graph 8 Captains Lagoon locations exceeding recreational performance measure, showing the NEMP (2025) recreational screening criterion

As indicated in Table 28, the exceedances of the recreational performance measure at these five locations have remained stable since the initial HHRA and are not directly representative of the receptor exposure environment; and therefore the human health risk profile via a recreational exposure pathway is consistent with the outcomes of the HHRA (GHD, 2019b).

7.4.2 Ecology

The ERA (GHD, 2020a) identified potentially elevated risks to ecological receptors associated with the Captains Lagoon catchment. Trend assessment is therefore the primary mechanism of assessment for ecological risks in this catchment, with screening criteria adopted to provide context to the magnitude of results, to identify potential changes in PFAS concentrations (and associated risk profile).

No strong trends in PFOS concentrations were identified for the Captains Lagoon catchment for 'pathway' and 'receptor' locations. While eight groundwater locations (0020_MW012 / 0020_MW012A, 0020_MW056, 0020_MW057, 0020_MW058, 0020_MW059, 0020_MW102D, 0021_MW108, and 0021_MW124) and eight surface water locations (0020_SW004, 0020_SW005, 0020_SW010, 0020_SW057, 0021_SW013, 0021_SW019, 0021_SW021, and 0021_SW126) exceeded the NEMP (2025) 95% species protection criterion for PFOS in the most recent sample result available, this criterion has been applied for contextual purposes only and it is noted that these locations have historically exceeded the criterion in most monitoring rounds. These exceedances are therefore unlikely to represent an unacceptable risk or change in PFAS concentrations in relation to ecological health that has not been previously assessed via the ERA.

7.5 Telegraph Creek

7.5.1 Human health

No potential risks to human health associated with Telegraph Creek have historically been identified, with surface water results at the point of potential receptor exposure below adopted recreational criteria and less than or equal to the LOR.

There were no exceedances of the adopted performance measures (NEMP (2025) recreational screening criteria and HH biota consumption assessment trigger) for Telegraph Creek in the most recent monitoring data, and no strong trends were identified. The concentration of PFAS (sum of total) was less than the LOR (<0.01 ug/L) for all locations in both monitoring events, and were therefore consistent with historical results.

Therefore, the PFAS concentrations in Telegraph Creek catchment are consistent with historical results, and there is no change to the overall human health risk profile of this catchment. Monitoring should continue as per the OMP.

7.5.2 Ecology

No potential risks to ecological health associated with Telegraph Creek have historically been identified.

There were no exceedances of the adopted performance measures (NEMP (2025) 95% species protection screening criteria) for Telegraph Creek in the most recent monitoring data, and no strong trends were identified. The concentration of PFAS (sum of total) was less than the LOR (<0.01 ug/L) for all locations in both monitoring events, and were therefore consistent with historical results.

Therefore, the PFAS concentrations in Telegraph Creek catchment are consistent with historical results, and there is no overall ecological risk profile of this catchment. Monitoring should continue as per the OMP.

7.6 The Lakes

7.6.1 Human health

No strong trends for PFOS+PFHxS were identified in either groundwater or surface water associated with the Lakes catchment areas. Additionally, the 2024 monitoring data is within the range of historical data for both groundwater and surface water (as indicated by the box and whisker plots, Plate E.7 and Plate E.8, Appendix E).

Lake Windermere is a potable water supply, and historic results associated with this lake have been less than adopted criteria (NEMP [2025] drinking water). Four surface water locations associated with Lake Windermere are included in the OMP and are analysed at a low level LOR. There were no exceedances of the adopted performance criteria (ADWG – health) at these locations in 2024, and all results were at least two orders of magnitude lower than the criteria (noting that standard level LOR was adopted for duplicate samples at 0021_SW040 in April 2024 which exceeded the ADWG criterion for PFOS, but that the primary sample was analysed to low level LOR and did not exceed criteria). It is therefore unlikely that there is a significant change in PFAS concentrations in Lake Windermere that may represent a change to the overall human health risk profile via a drinking water exposure pathway.

Both Lake Windermere and Lake McKenzie may be used for recreational purposes, including swimming and fishing, though this is not known to occur regularly in either case. Historical results have been below the NEMP (2025) recreational screening criteria, and due to the lack of potential exposure/receptors, consumption of biota associated with this area has not been previously assessed directly. There were no exceedances in groundwater and surface water of performance measures associated with either of these potential exposure pathways for the Lakes catchment. Considering that the latest monitoring data is within the range of historical data and no exceedances of performance measures, the overall human health risk profile is consistent with previous assessments for this catchment. Monitoring should continue as per the OMP.

7.6.2 Ecology

Given that there are no known sources of PFAS to the lakes, and based on historical PFOS results being less than the LOR, the Lakes catchment was not specifically assessed in the ERA. Hence the NEMP 95% species protection was adopted as the performance measure.

There were no exceedances of the adopted performance measure, and no strong trends for PFOS were identified. Additionally the concentration of PFOS was less than 0.01 ug/L (standard level LOR) at all locations. The PFOS concentrations in the Lakes catchment are therefore considered consistent with historical results, and do not represent a change to the overall ecological risk profile of this catchment. Monitoring should continue as per the OMP.

7.6.3 Vertical delineation

There are two sets of clustered wells in the Lake Windermere catchment (refer to Figure 3D, Appendix A) that are intended to intercept and monitor different aquifers between the site and Lake Windermere. The pairings as follows, indicating the total depth of the wells:

- 0021_MW135 (40 m bgl), 0021_MW136 (26 m bgl), 0021_MW137 (11 m bgl)
- 0021_MW138 (40 m bgl), 0021_MW139 (21 m bgl), 0021_MW140 (12 m bgl)

The concentration of PFOS+PFHxS has remained below the standard LOR (0.01 ug/L) at all six locations in 2024, however there are detections of PFAS species (including, but not limited to, PFOS and PFHxS) greater than the trace LOR (0.0002 ug/L) in both the shallow and deeper aquifers in 2024. The deepest, regional aquifer is not known to be hydraulically connected to the site, and PFAS movement through the deep aquifer is expected to be slow compared to the upper aquifer. Further monitoring of these locations at low level analysis should be undertaken to determine if these concentrations are persistent.

7.7 Clay Pools

7.7.1 Human health

Waters

The Clay Pools have historically been used for ceremonial purposes, however they are not known to have been or currently be in use for potable drinking water purposes. Additionally, the area is not known to have been or currently be in use for recreational purposes, including swimming and/or consumption of biota. However, these exposure pathways are considered potentially plausible in future, and a performance measure for each of these exposure pathways was therefore adopted.

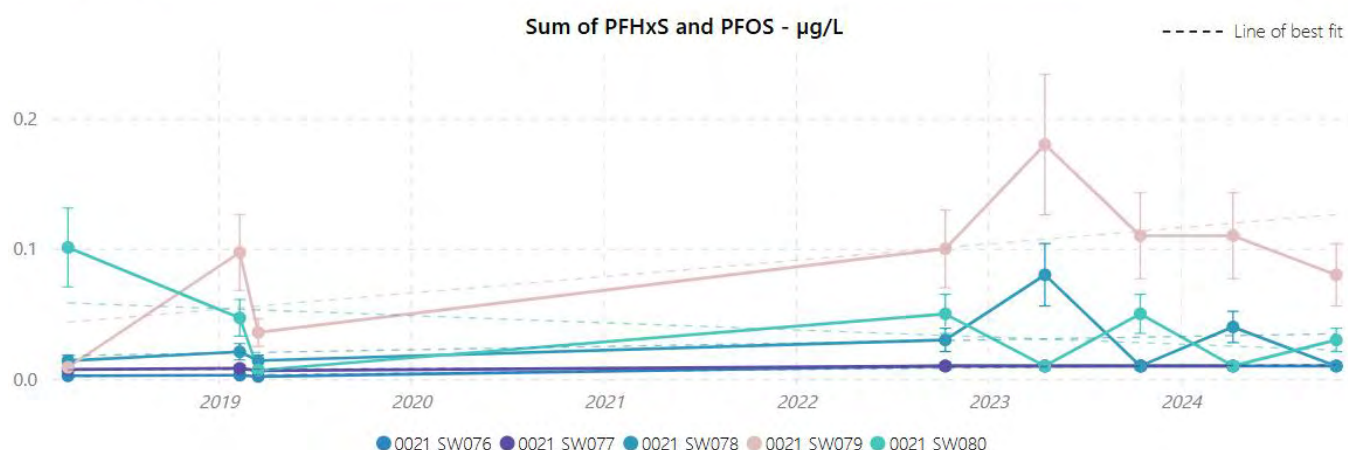
No strong trends were identified for PFOS+PFHxS in the Clay Pools sub catchment. Additionally, 2024 monitoring data was observed to be within the range of historical data for both groundwater and surface water.

There were no exceedances of the NEMP (2025) recreational criteria. Given this and that current monitoring data is comparable to historical data, the overall human health risk profile for this potential exposure pathway is consistent with the outcomes of the HHRA (GHD, 2019b).

The concentration of PFOS+PFHxS was greater than the adopted performance measure for the consumption of biota (concentration > LOR (0.01 ug/L)) in two of the five surface water samples (0021_SW079 and 0021_SW080, both categorised as receptor), though a strong trend was not identified for either location. As per Appendix B, further assessment of each location is required, which has been undertaken in Table 29, supported by Graph 9.

Table 29 *Clay Pools sub-catchment - Further assessment of locations associated with consumption of biota performance measure exceedances (PFOS+PFHxS)*

Loc ID (SPR classification)	New maximum concentration?	Comparison to other similar locations	Other comments	Conclusion
0021_SW079 (receptor)	No	No discernible pattern was observed between each of the surface water monitoring locations in Graph 9.	The concentration has decreased since April 2023	No new maximum, and data within historical range. Continue monitoring as per OMP.
0021_SW080 (receptor)	No		-	



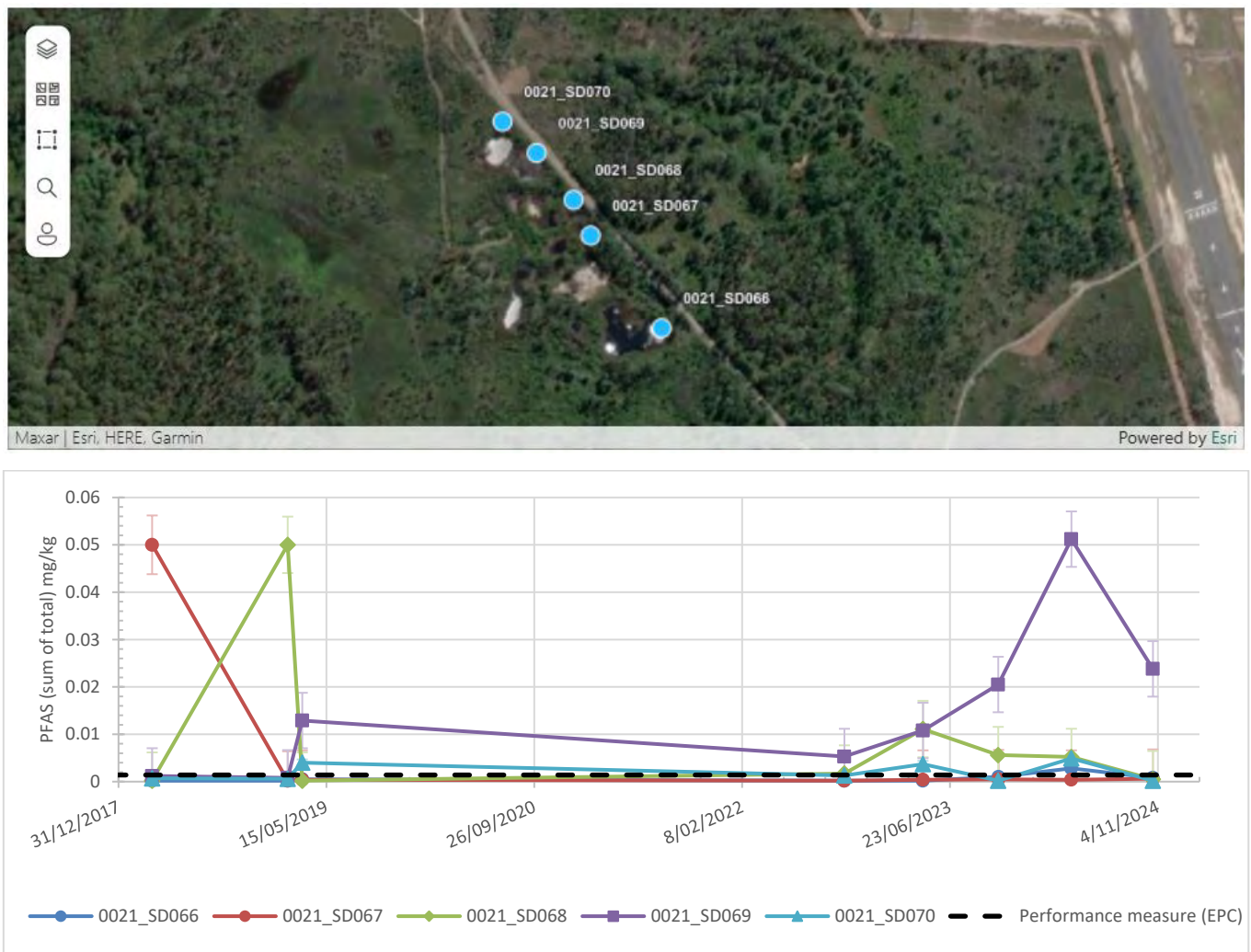
Graph 9 *Clay Pools surface water (PFOS+PFHxS)*

No new maximum concentrations were identified, no discernible patterns were observed between all of the locations, and the concentration of PFOS+PFHxS is within the historical range. Therefore the overall human health risk profile for the consumption of biota exposure pathway is consistent with previous assessments.

Sediments

The consumption and use of sediments associated with the Clay Pools for ceremonial purposes has previously been assessed in the HHRA, and potential risk to human health was determined to be low and acceptable. Given that no screening criteria is available for this type of exposure pathway, the HHRA EPC was adopted as the performance measure. The concentration of PFAS (sum of total) exceeded the performance measure at one location; 0021_SD069. Use of the EPC as a performance measure is noted to be a conservative approach given that the HHRA determined a low and acceptable risk (ie. exceedance of the EPC does not necessarily indicate a potential risk to human health), however it is noted that three of the remaining four sampling locations

(0021_SD066, 0021_SD068, and 0021_SD070) also exceed the performance measure in previous sampling events including April 2024, as shown in Graph 10.



Graph 10 Sediment sampling locations of the Clay Pools sub-catchment

Given that each sediment sampling location associated with the Clay Pools has exceeded the adopted performance criteria at least once since the HHRA was undertaken, and that no formal administrative controls are in place at the Clay Pools, it is possible that the conclusions of the HHRA are no longer valid and that there has been an overall change in the risk profile associated with sediments of the Clay Pools for this specific exposure pathway.

7.7.2 Ecology

Given that there are no known sources of PFAS to the Clay Pools sub-catchment, and based on historical PFOS results being less than the LOR, the Clay Pools were not specifically assessed in the ERA. Hence the NEMP 95% species protection was adopted as the performance measure for ecological health.

There were no exceedances of the adopted performance measure, and no strong trends for PFOS were identified. The overall ecological risk profile of this catchment is therefore consistent with historical results. Monitoring should continue as per the OMP.

7.8 Summercloud Creek

7.8.1 Human health

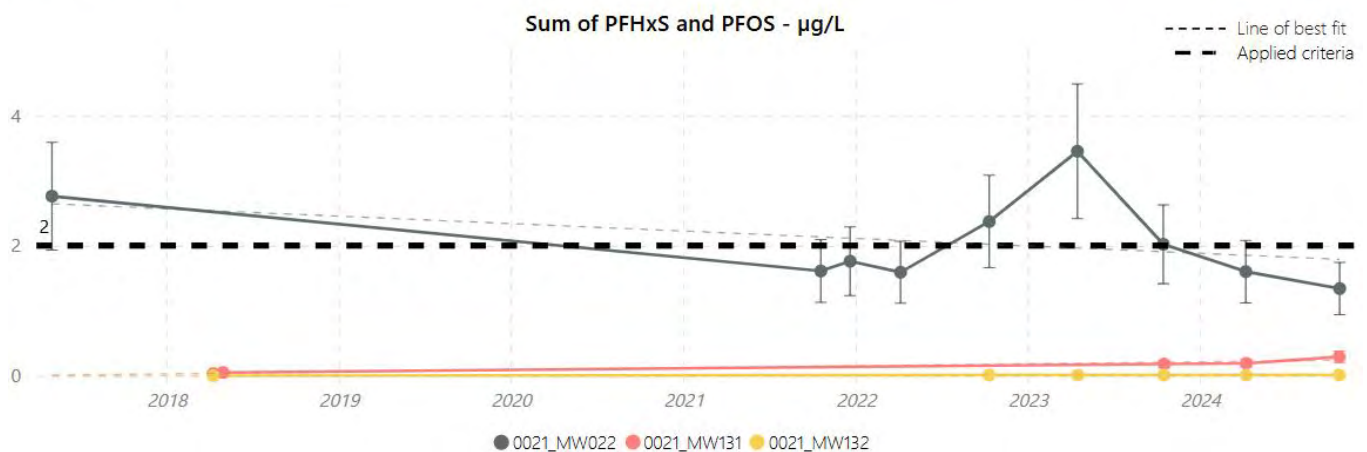
Water

Administrative controls for the consumption of biota are currently in place for Summercloud Creek on the basis that some biota samples used in the HHRA had detections of PFAS, though it is noted that the HHRA determined a low and acceptable risk associated with finfish sourced from Summercloud Creek. A specific performance measure was therefore not adopted for this potential exposure pathway. However, the administrative controls do not restrict the use of Summercloud Creek for recreational purposes, and the NEMP (2025) recreational screening criteria was therefore adopted as the performance measure.

There were no exceedances of the adopted recreational performance measure in Summercloud Creek for either groundwater or surface water, however one groundwater location (0021_MW131, classified as 'pathway') was identified to have a strong increasing trend for PFOS+PFHxS (and PFOS) with the most recent result being a new maximum PFOS+PFHxS concentration. As per Appendix B, the following initial response actions should be considered for this location, with continued monitoring as per the OMP:

- Assess why change may have occurred in context of site.
- Are other comparable locations displaying similar patterns?

0021_MW131 is located at the southern extent of the Summercloud Creek catchment. There are no known site activities or other changes in environmental factors (such as rainfall and subsequent groundwater elevations) that are likely to have influenced this location individually. The two other groundwater monitoring locations of this catchment do not display a similar increasing trend, as shown in Graph 11.



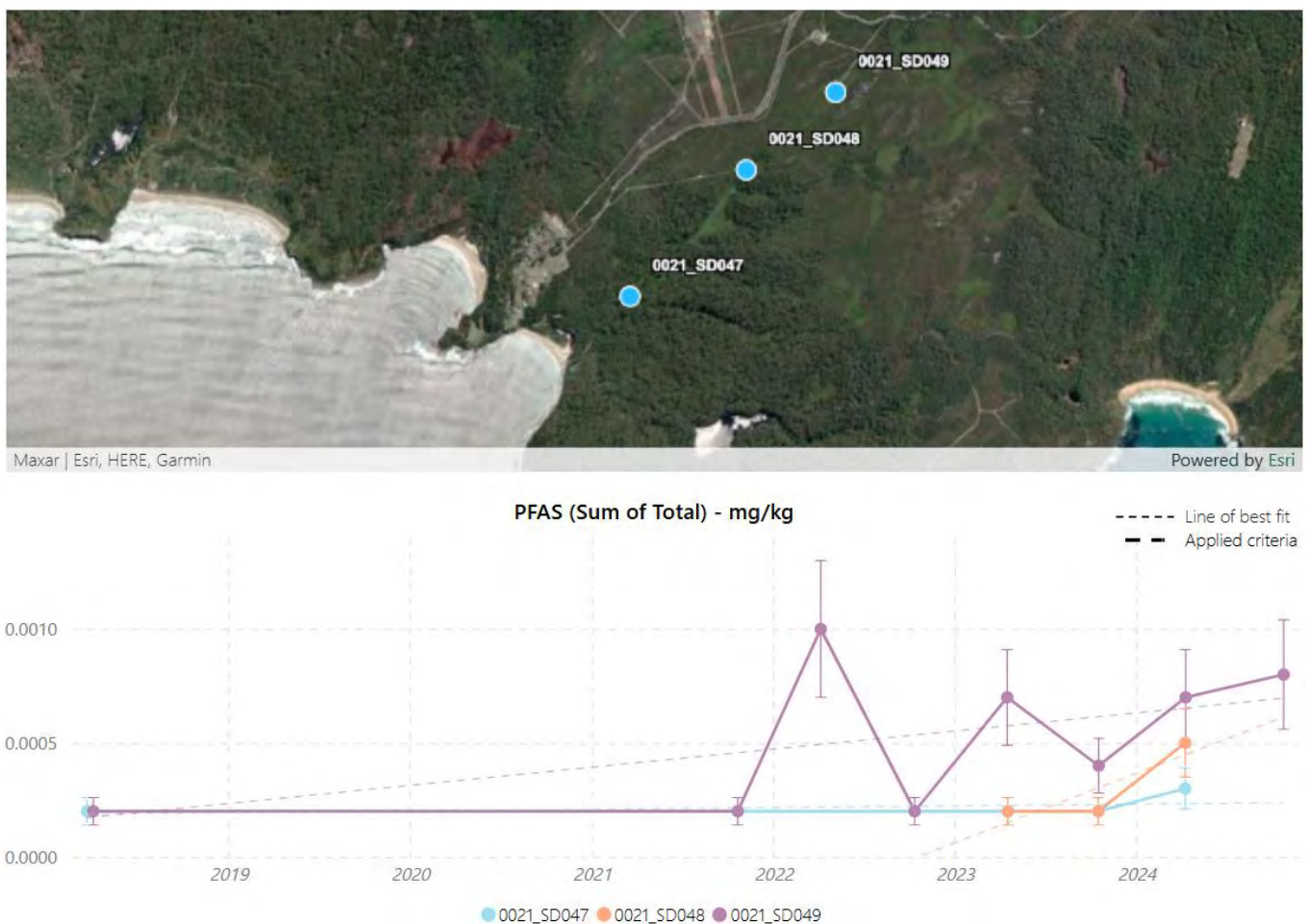
Graph 11 Summercloud Creek groundwater (PFOS+PFHxS), showing the NEMP (2025) recreational criteria

The increasing trend in PFOS+PFHxS concentration identified in 0021_MW131 is shown in Graph 11 to be of relatively small magnitude compared to the adopted performance measure (NEMP recreational criteria). Additionally, an overall decreasing trend is observed in Graph 11 at 0021_MW022 (located on site) since April 2023 (noting that no strong trend was calculated for this location), and the concentration in surface water at all locations (including down gradient locations directly representative of Summercloud Creek) was equal to the LOR for all locations in 2024. The singular strong trend calculated at 0021_MW131 is therefore not considered likely to represent a significant change in the overall PFAS concentrations that may represent a change to the overall human health risk profile for recreational use of Summercloud Creek.

Sediment

Sediment and soils at the end of Summercloud Creek is understood to be intermittently used for ceremonial purposes, particularly since use of the Clay Pools has informally ceased. However this potential exposure pathway was not assessed in the HHRA as the concentration of PFAS in sediments at that time was less than the LOR. Therefore the LOR (0.0002 mg/kg) was adopted as the performance measure to determine if conditions in the Summercloud Creek catchment have changed since the HHRA.

Three of the six locations monitored in 2024 had a concentration of PFAS (sum of total) greater than the LOR in the final data point (0021_SD047, 0021_SD048, and 0021_SD049, each classified as 'pathway' locations), as shown in Graph 12. The concentration of PFAS (sum of total) at the remaining three receptor locations (0021_SD046, 0021_SD075, and 0021_SD188) are less than the LOR for all samples from all monitoring events. In particular, the concentration of PFAS (sum of total) at 0021_SD188 has remained less than the LOR, which is understood to be sampled directly from the sediments/shallow soils of the area which would be used for ceremonial purposes.



Graph 12 Sediment locations of Summercloud Creek where the performance measure has been exceeded

It is therefore unlikely that the performance measure exceedances noted in 'pathway' locations are likely to currently represent an unacceptable risk to human health in Summercloud Creek. It is noted that the concentration of PFAS (sum of total) is shown to be increasing at location 0021_SD049 in Graph 12 (noting that trend analysis is not considered valid for sediments).

7.8.2 Ecology

The ERA determined a low and acceptable risk to ecology associated with Summercloud Creek. As such, the NEMP (2025) 95% screening criteria was adopted as the ecological performance measure for this catchment. The concentration of PFOS exceeded the performance measure at two groundwater locations (0021_MW022 and 0021_MW131). Additionally, a strong increasing trend was identified for PFOS at 0021_MW131 with the last sample representing the highest concentration at that location. As per Appendix B, further consideration of each location is required, which has been undertaken in Table 30.

Table 30 Summercloud Creek - Further assessment of locations associated with ecological performance measure exceedances (PFOS)

Loc ID (SPR classification)	New maximum concentration?	Comparison to other similar locations	Other comments	Conclusion
0021_MW022 (pathway)	No	No discernible pattern was observed between each of the groundwater monitoring locations. Data for all locations is within the historical range.	Concentration has been decreasing since April 2023.	Marginal exceedance and 'maximum' at 0021_MW131, a recent decreasing trend at 0021_MW022, and data within historical. Continue monitoring as per OMP.
0021_MW131 (pathway)	Yes, however the maximum is noted to be within the margin of error of the previous maximum result (ie. it is possible that the results may not represent a true new maximum)		The concentration of PFOS is noted to be marginally greater than the criteria, and within the margin of laboratory error (ie. it is possible that the result may not represent a true exceedance of the criteria). Additionally, the data set consists of four key data points (two of five data points are close together in 2018).	

Groundwater is not directly representative of aquatic ecosystem conditions, though it may migrate and discharge into aquatic environments. Given that no exceedances of the ecological performance measure were recorded in downgradient surface water locations, and that data from 2024 is considered to be consistent with historical data for the catchment, the exceedances of the performance measure in groundwater and increasing trend at 0021_MW131 are not considered to represent a catchment wide change in PFAS concentrations that indicate a potential risk to ecological receptors.

7.9 Bherwerre Peninsula

Two groundwater locations and one surface water location are monitored on the Bherwerre Peninsula, with a second surface water location adopted if access to the groundwater monitoring location is prevented by standing water. All locations are situated outside of the surface water catchment areas associated with the site and immediately surrounding the site.

0021_SW083 is located at 'Ryans Swamp', which is not known to be used for drinking water or recreational purposes. Additionally, the standing 'flood' waters preventing access to monitoring locations is also unlikely to be used for recreational purposes. Therefore no drinking water or recreational performance measures have been adopted for the Bherwerre peninsula. However, it is plausible that ecology interacts with PFAS impacted waters, and the broader BNP area is known to be used for biota consumption by residents of Wreck Bay. Therefore performance measures have been adopted for the potential consumption of biota and ecological health.

No discernible trends were identified for either PFOS+PFHxS or PFOS in groundwater or surface water, and PFOS+PFHxS concentrations were within the range of historical data. There were no exceedances of the ecological performance measure (NEMP [2025] 95% species protection criteria), however the concentration of

PFOS+PFHxS was equal to the consumption of biota performance measure at 0021_MW115 (0.01 ug/L, noting that this is equal to the LOR).

Based on Appendix B, further consideration of this locations is required, however given that the concentration is equal to or less than the LOR at 0021_MW115 and the associated surface water in the same vicinity (0021_SW212), as shown in Graph 13, this exceedance of the consumption of biota performance measure is not considered likely to represent an unacceptable risk. Additionally, box and whisker plots (Plate E.1 and Plate E.2, Appendix E) indicate that 2024 monitoring data for groundwater and surface water is within the range of historical data.



Graph 13 Bherwerre Peninsula monitoring locations (noting the standard LOR = 0.01 ug/L)

It is therefore unlikely that there has been a catchment wide change in PFAS concentrations that indicate a potential risk to human health and ecological receptors of the Bherwerre Peninsula.

7.10 Infrastructure tanks

7.10.1 RAN SSSS

The Defence personnel training activity specific HHRA EPC was adopted as the performance measure for tanks associated with the RAN SSSS on the basis that the potential exposure scenarios occurring at the RAN SSSS do not concur with the assumptions of standard screening criteria. Adoption of the EPC is a conservative approach, as the activity specific HHRA concluded a low and acceptable risk using the EPC (ie. an exceedance of the EPC does not necessarily indicate a potentially unacceptable risk).

There were no exceedances of the performance measure for any of the six infrastructure tanks in 2024 or historically, indicating that a potentially unacceptable risk to Defence personnel health during training exercises at the RAN SSSS is unlikely.

A strong downwards trend was identified at OTH005 for PFOS+PFHxS and PFOS concentrations. It is possible that this trend is associated with changes in various water management and training practices at the RAN SSSS, which will continue throughout 2025 as the area undergoes remediation and upgrade works. The outcomes of these works will be validated separately.

7.10.2 STP tanks

No assessment criteria has been adopted for surface water samples associated with the STP, as workers at HMAS Creswell whom may come into direct contact with PFAS impacted waste water during works associated with the STP are assumed to be wearing Personal Protective Equipment (PPE), thus minimising exposure.

No strong trends were identified for the STP surface water locations (0020_SW035 to SW037), though the concentration of PFOS+PFHxS at all three locations decreased to a new minimum concentration in October 2024 (as shown in Appendix D). It is unclear what may have caused this decrease, and further monitoring is therefore recommended to continue assessing changes over time.

8. Conceptual site model

A conceptual site model (CSM) is a representation of site-related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The CSM summarises the linkages between PFAS sources, exposure pathways and receptors.

A preliminary CSM for the site was developed as part of the DSI (GHD, 2019a). Exposure scenarios identified in the DSI with the potential to be associated with a potential increased risk of PFAS exposure were refined in the HHRA (GHD, 2019b) and ERA (GHD, 2020a). The supplementary DSI (GHD, 2020b) further refined SPR linkages of the CSM associated with hydraulic connectivity of the lakes (west of the site) to the site. The series of site CSMs were used as the foundation of the PMAP (Defence, 2020) and in subsequent, targeted investigations. The OMP and the PMAP are currently being updated and are anticipated to be finalised in 2025.

The sampling completed over the monitoring period has provided additional data to build a baseline understanding of site conditions, and to further understand changes in PFAS concentrations in environmental media on and off-site. The site status per catchment based on the 2024 OMP data is outlined in Table 31. STP tanks have not been included in Table 31 because there are no known plausible SPR linkages based on the assumption that potential human receptors would be required to use PPE, thus limiting potential exposure.

Overall, data presented in this report indicates that the overall risk profile of the site has remained relatively consistent compared to the initial site investigations and subsequent HHRA and ERA outcomes, such that the management measures (including consideration of site remediation and implementation of administrative controls in some areas) outlined in the PMAP are considered to remain adequate for the purposes of managing identified risks associated with PFAS on and off site, with the exception of sediments at the Clay Pools.

A potential 'change' in risk profile associated with use of sediments at the Clay Pools for ceremonial purposes has been determined in this assessment (refer to Section 7.7.1), however it is noted that this is the first time performance measures have been adopted on a catchment basis. PFAS concentrations in previous OMP events are a similar magnitude to the current event, and therefore would have obtained the same conclusion if the same assessment method had been applied.

No new PFAS sources, transport pathways or receptors have been identified as part of this assessment, though further consideration of transport and exposure pathways to the Clay Pools and Summercloud Creek is required to refine potentially unacceptable risks and changes in each catchment (respectively).

Table 31 *Review of site CSM based on 2024 OMP*

Receptor category	Exposure pathway	Status prior to 2024 OMP	2024 Assessment outcome
Mary Creek			
Human health (primarily Wreck Bay residents)	Drinking water	HHRA determined elevated risks. Pathway managed via administrative controls on Mary Creek catchment, closing Mary Creek for all uses.	Not applicable - precautionary advice in place.
	Recreational		Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile.
	Consumption of biota		Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile (possible decrease in PFOS+PFHxS concentrations)
Ecosystem health	Indirect and direct	ERA determined elevated risks	Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile.
Flatrock Creek			
Human health	Drinking water	No plausible SPR linkage – not used for drinking water.	Not applicable – no change in potential receptor exposure

Receptor category	Exposure pathway	Status prior to 2024 OMP	2024 Assessment outcome
(primarily users of BNP, including Wreck Bay residents)	Recreational (swimming)	Possible SPR linkage – HHRA determined low risk	Unlikely to be a significant change in the overall risk profile.
	Consumption of biota	Historic use – HHRA determined elevated risk associated with the upper exposure scenario	Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile.
Ecosystem health	Indirect and direct	ERA determined elevated risks	Unlikely to be a significant change in the overall risk profile.
Captains Lagoon			
Human health (primarily users of BNP, including Wreck Bay residents)	Drinking water	No plausible SPR linkage – not used for drinking water.	Not applicable – no change in potential receptor exposure
	Recreational (swimming)	Possible SPR linkage – HHRA determined low risk	Unlikely to be a significant change in the overall risk profile.
	Consumption of biota	Historic use – HHRA determined elevated risk associated with the upper exposure scenario	Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile.
Ecosystem health	Indirect and direct	ERA determined elevated risks	No significant change PFAS concentrations and associated in risk profile
Summercloud Creek			
Human health (primarily users of BNP, including Wreck Bay residents)	Drinking water	No plausible SPR linkage – not used for drinking water	Not applicable – no change in potential receptor exposure
	Recreational (swimming)	Possible SPR linkage – previous results below adopted recreational criteria.	Unlikely to be a significant change in the overall risk profile.
	Consumption of biota	Historic use – HHRA determined low and acceptable risk associated with finfish sourced from Summercloud Creek, however PFAS was detected in some biota samples.	Precautionary advice remains in place. Unlikely to be a significant change in the overall risk profile.
	Consumption and use of sediments for ceremonial purposes	Possible SPR linkage – results less than LOR, and was therefore not specifically assessed in HHRA.	Unlikely to be a potentially unacceptable risk to receptors based on no exceedances of the performance criteria at the receptor exposure point, however further consideration of potential receptor exposure pathways is required.
Ecosystem health	Indirect and direct	No known sources, historic concentrations not exceeding criteria, but was included in ERA – low and acceptable	Unlikely to be a significant change in the overall risk profile.
Telegraph Creek			
Human health	Drinking water	No plausible SPR linkage – not used for drinking water.	Not applicable – no change in potential receptor exposure
	Recreational (swimming)	Previous surface water results below adopted recreational criteria and less than or equal to the LOR.	No significant change PFAS concentrations and associated in risk profile
	Consumption of biota	Previous surface water and sediment samples less than or equal to LOR, therefore biota consumption not assessed in HHRA.	No significant change PFAS concentrations and associated in risk profile
Ecosystem health	Indirect and direct	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	No significant change PFAS concentrations and associated in risk profile
The Lakes			
Human health	Drinking water	Lake Windermere is a potable water supply. Previous results less than adopted criteria.	No significant change PFAS concentrations and associated in risk profile

Receptor category	Exposure pathway	Status prior to 2024 OMP	2024 Assessment outcome
	Recreational (swimming)	Both lakes could be used for recreational purposes, noting that Lake McKenzie is within the Botanic gardens fenced area and neither lake is known to be used regularly for recreational purposes. Previous results have been less than the adopted criteria.	No significant change PFAS concentrations and associated in risk profile
	Consumption of biota	Both lakes could be used for recreational fishing or cultural purposes, however not currently known to occur.	No significant change PFAS concentrations and associated in risk profile
Ecosystem health	Indirect and direct	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	No significant change PFAS concentrations and associated in risk profile
Clay Pools (sub catchment)			
Human health	Drinking water	No plausible SPR linkage – not used for drinking water.	Not applicable – no change in potential receptor exposure
	Recreational (swimming)	Possible historic use, though not currently used for this purpose.	No significant change PFAS concentrations and associated in risk profile
	Consumption of biota	Area not known to have been used for this purpose (though this needs to be confirmed as part of HHRA update). It is currently assumed that no one is eating biota associated with this area.	Unlikely to be a significant change in the overall risk profile.
	Consumption and use of sediments for ceremonial purposes	Historically yes – previously assessed in HHRA to be low and acceptable	Potential change in the risk profile based on exceedances of the HHRA EPC performance criteria in five of the six monitoring locations at least once since implementation of the OMP.
Ecosystem health	Indirect and direct	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	No significant change PFAS concentrations and associated in risk profile
Bherwerre Peninsula (outside of surface water catchments associated with the site)			
Human health	Drinking water	No plausible SPR linkage – area not used for drinking water.	Not applicable
	Recreational (swimming)	No plausible SPR linkage – no standing water bodies tested that would be useable for recreational purposes.	Not applicable
	Consumption of biota	It is possible that users of BNP are collecting and consuming biota.	Unlikely to be a significant change in the overall risk profile.
Ecosystem health	Indirect and direct	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	No significant change PFAS concentrations and associated in risk profile
Infrastructure tanks – RAN SSS			
Human health	Drinking water	No – not used for drinking water.	Not applicable
	“Recreational” via training exercises	Yes – occupational training. HHRA determined low and acceptable.	No significant change PFAS concentrations and associated in risk profile
Ecosystem health	<i>Not applicable – infrastructure does not support significant ecosystem</i>		

9. Conclusions

As per the OMP, two scheduled monitoring events were completed in the monitoring period in April and October 2024. The total annual rainfall for JBRF Airfield station (BoM station ID 068264) indicates that in 2024, the site received a comparable amount of rainfall to previous years, with the exception of 2019 and 2022. Monthly rainfall data for the 2024 annual monitoring period compared against to monthly historical means indicates that from April to June 2024, the site experienced higher than average rainfall, with May and June experiencing over double the average monthly rainfall. The October sampling event is representative of drier conditions than the April 2024 sampling event, however April does not meet the definition of a 'wet weather' event, and assessment of PFAS concentration data did not identify site wide changes in concentrations that were considered likely to represent influence by climatic differences between the two events.

The assessment of monitoring data collected as part of the OMP has identified changes in PFAS concentrations in groundwater, surface water, tank infrastructure water and sediment at individual locations over time in various catchment areas, some of which also exceed adopted performance measures. With the exception of the sediments in the Clay Pools, further detailed assessment of these reported changes has concluded that PFAS concentrations throughout all catchments are consistent with previous assessment outcomes (as applicable per catchment), such that the overall catchment risk profiles identified in the PMAP/OMP (Defence, 2020) have not altered.

Potential change in the risk profile associated with the consumption and ceremonial use of sediments at the Clay Pools was identified based on exceedances of the HHRA EPC performance criteria in five of the six monitoring locations at least once since implementation of the OMP. Use of the EPC as a performance measure is noted to be a conservative approach given that the HHRA determined a low and acceptable risk (ie. exceedance of the EPC does not necessarily indicate a potential risk to human health), however it is possible that the conclusions of the HHRA are no longer valid and that there has been an overall change in the risk profile associated with sediments of the Clay Pools for this specific exposure pathway that requires further consideration as per the response actions outlined in Appendix B. Additionally, while no potential risk to human health was identified for the consumption of sediments receptor exposure pathway in Summercloud Creek, further consideration of potential exposure pathways should be undertaken based on the concentration of PFAS in sediments at upgradient locations in the catchment.

Monitoring location 0020_SW054 (located in Flatrock Creek catchment) has reported a strong upward trend of PFOS concentrations which may be associated with the temporary stockpiling of excavated soils associated with civil works in the area. As a precautionary measure, the sediment and surface water runoff controls associated with the temporary storage area should be reviewed and updated if needed (particularly in the context of potential PFAS impacts), to ensure that potentially impacted soils and surface water runoff are not contributing to the increasing trend observed at 0020_SW054.

There has been no reported water and land use changes within the Management Area during this monitoring period, though there are a number of large scale civil infrastructure projects occurring across the site (both JBRF and HMAS Creswell).

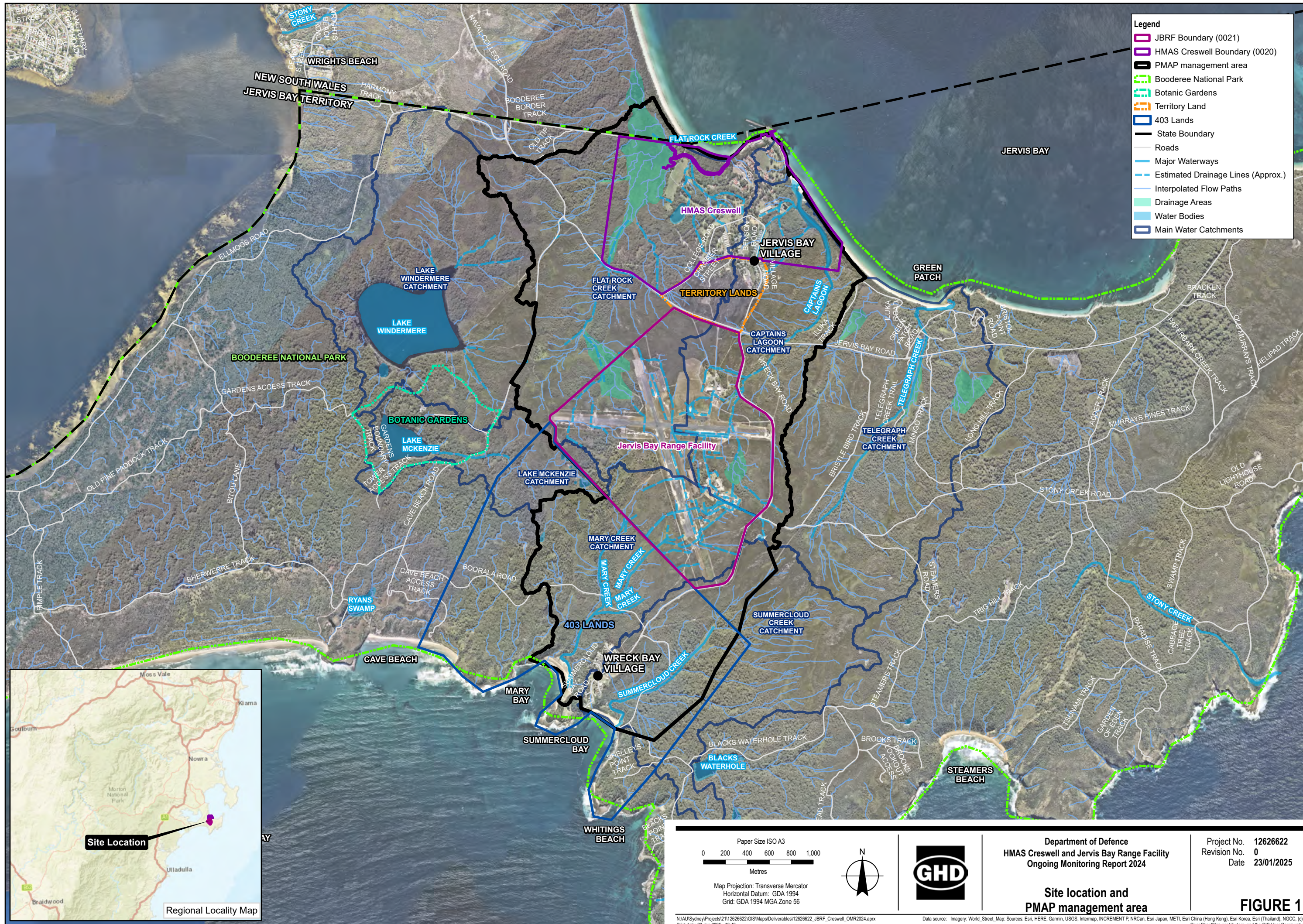
10. References

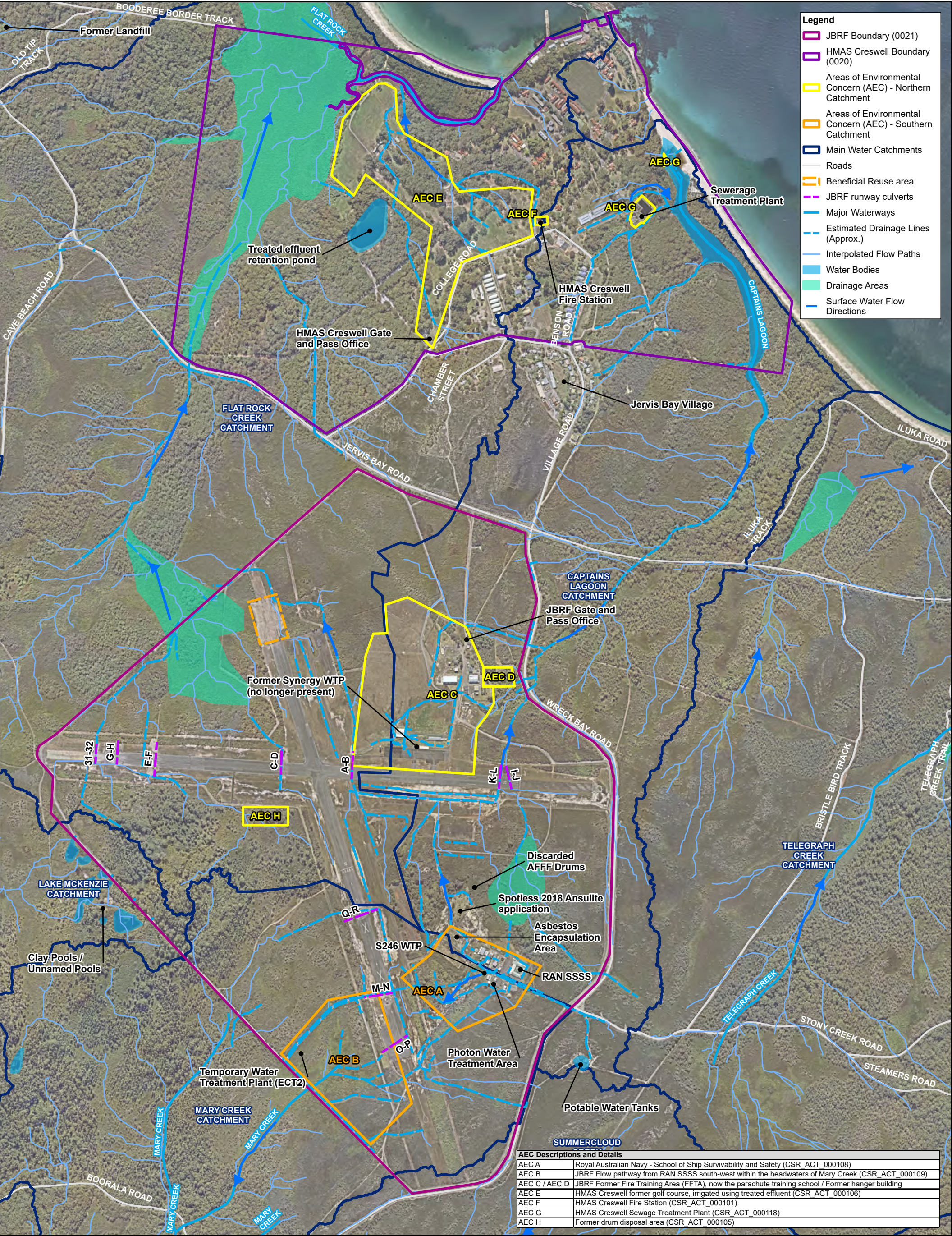
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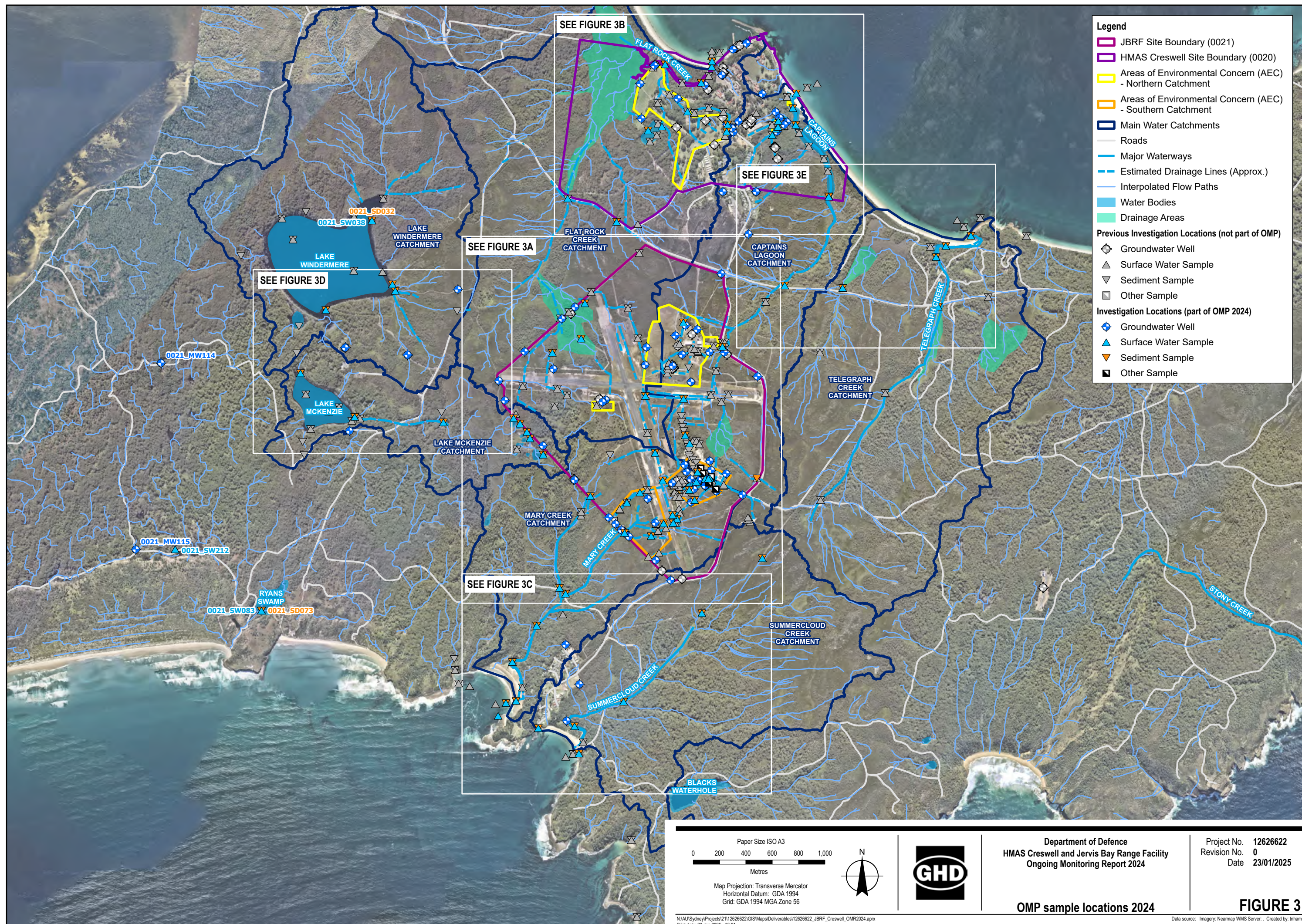
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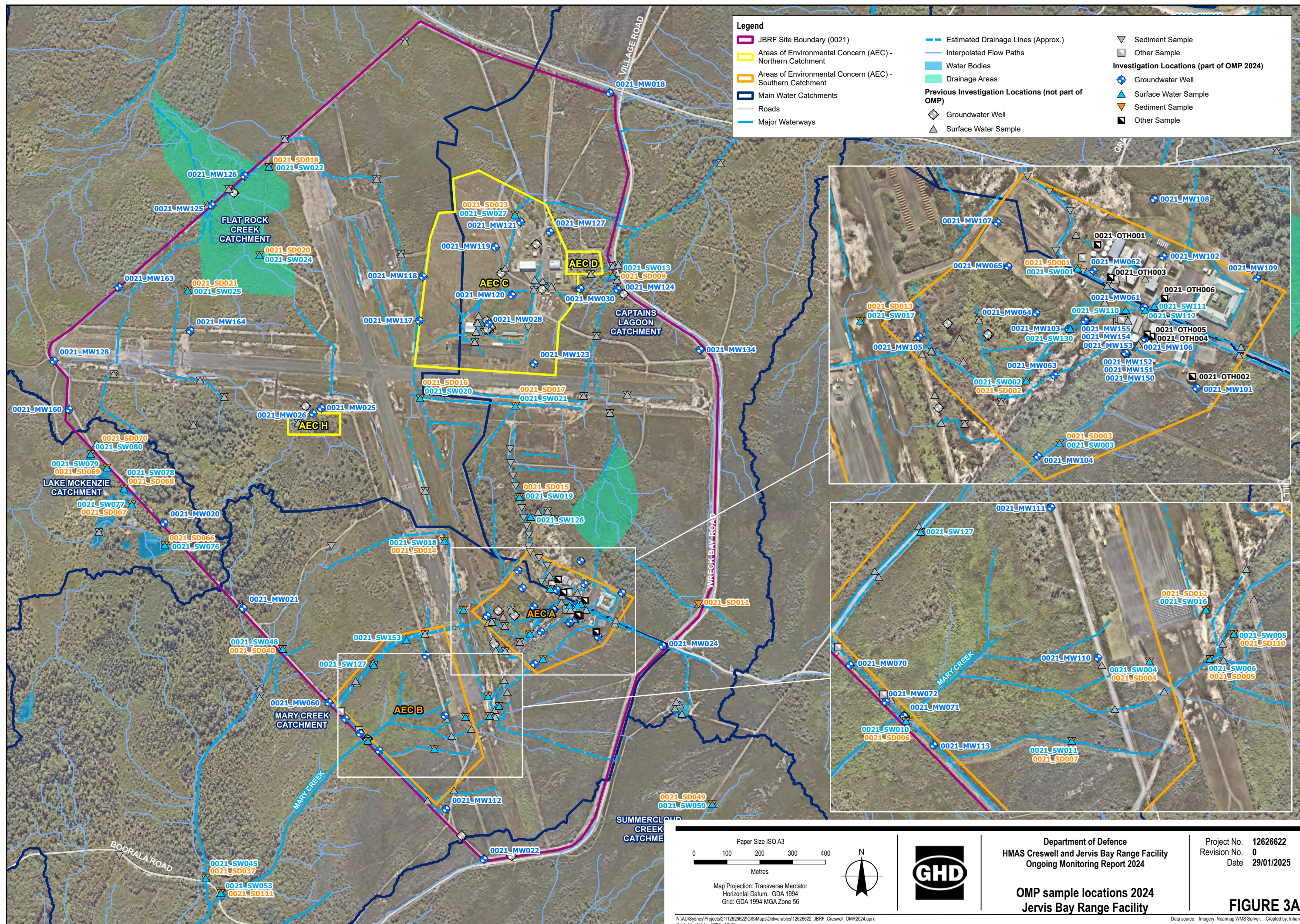
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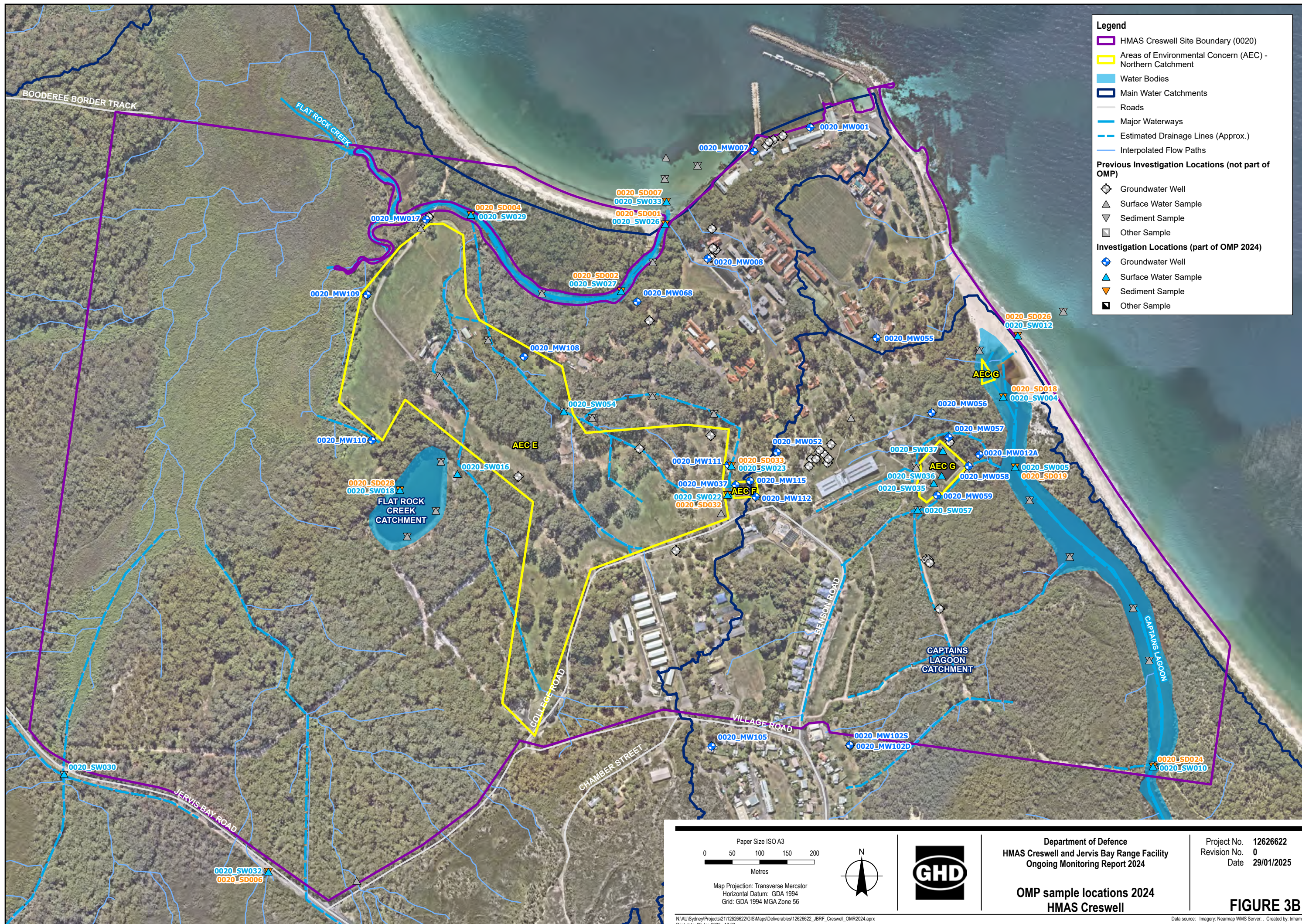
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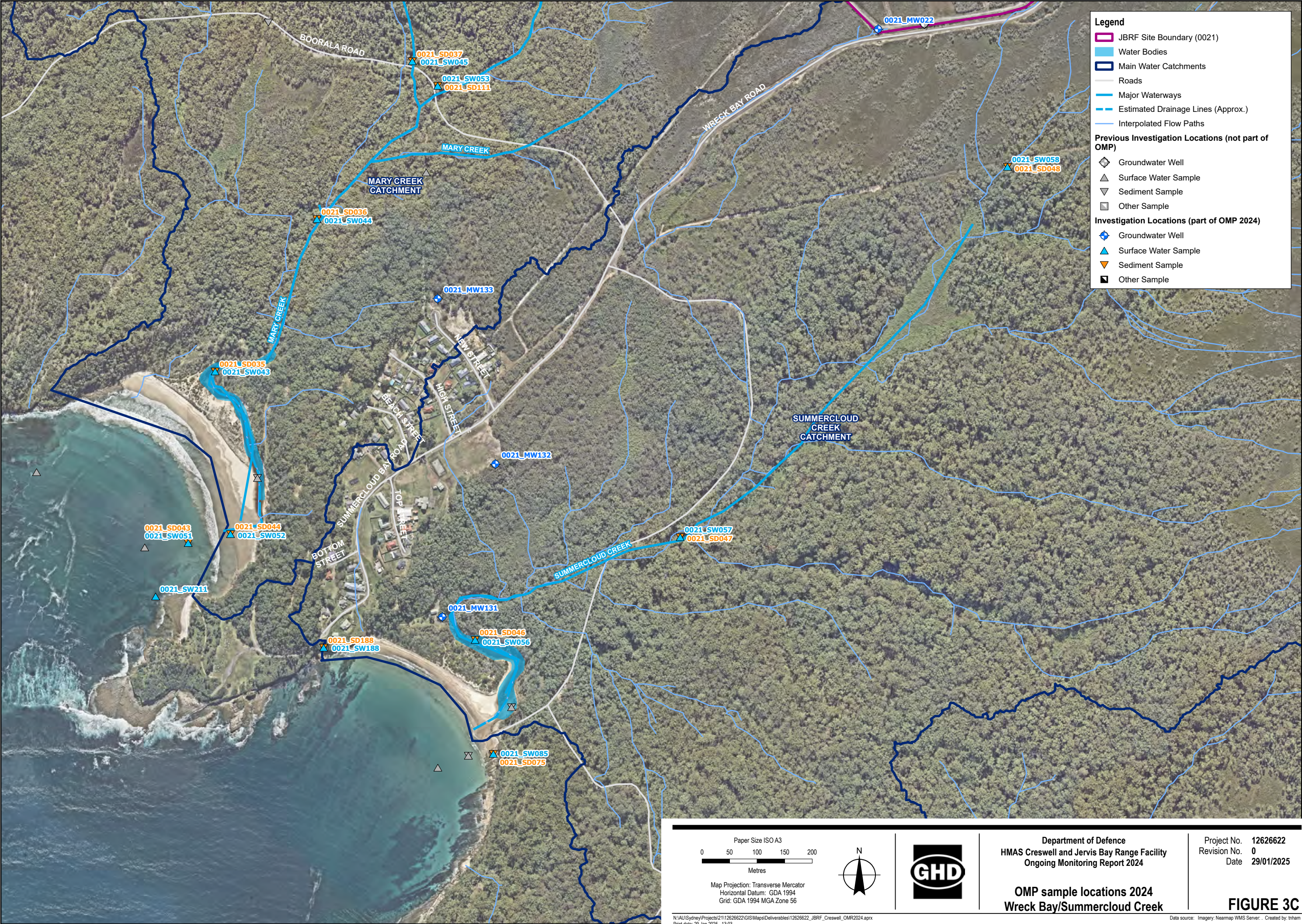


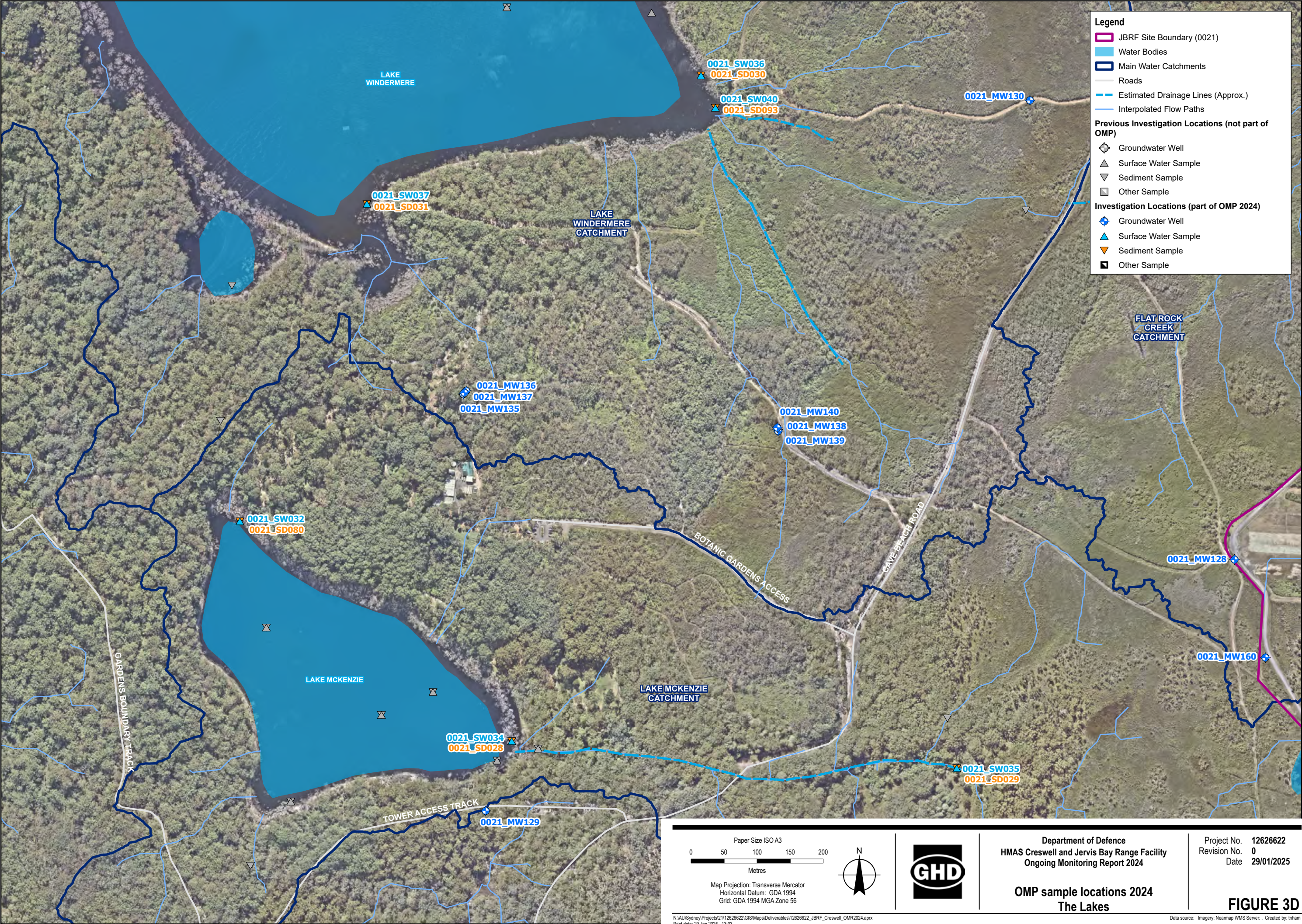


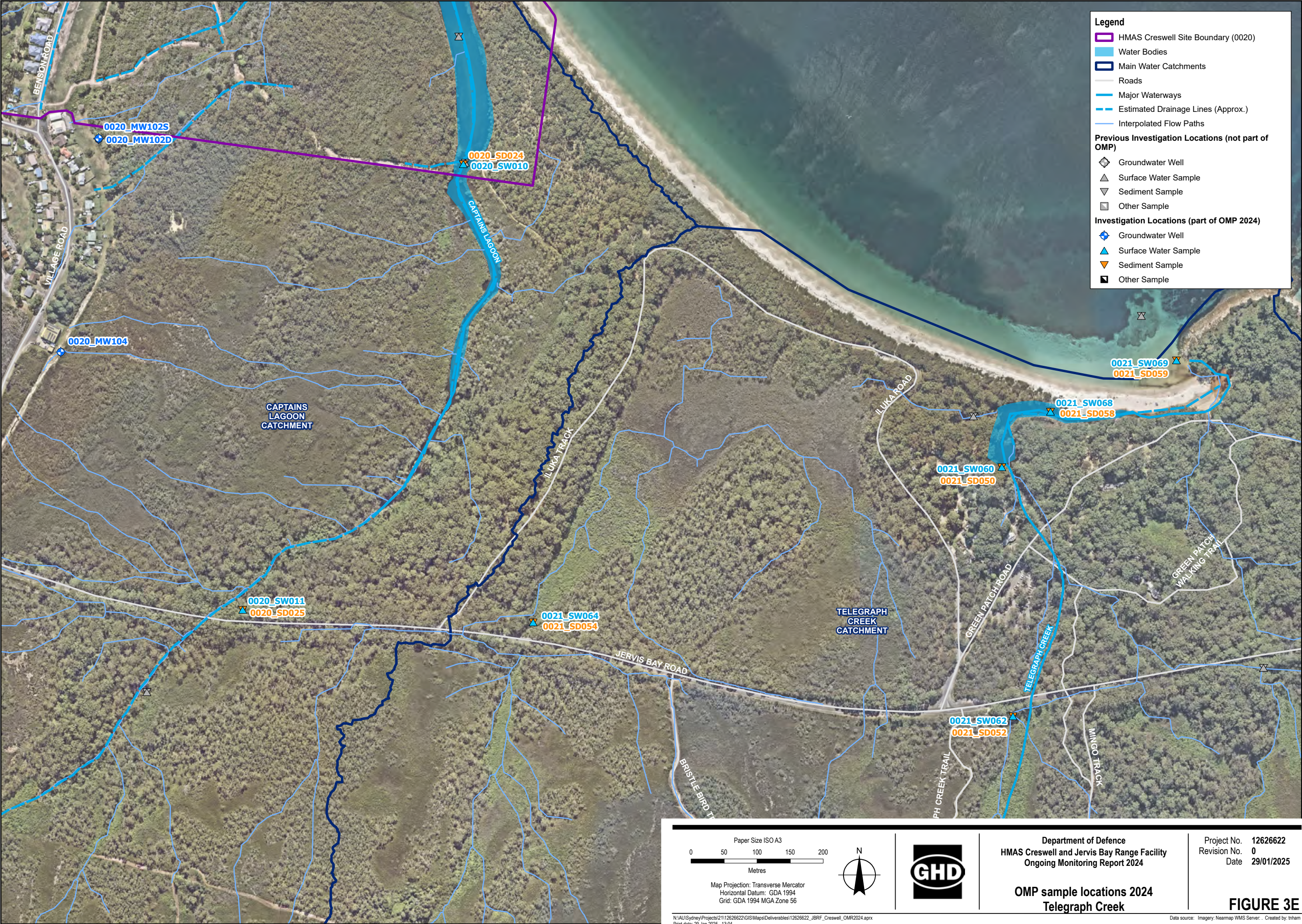


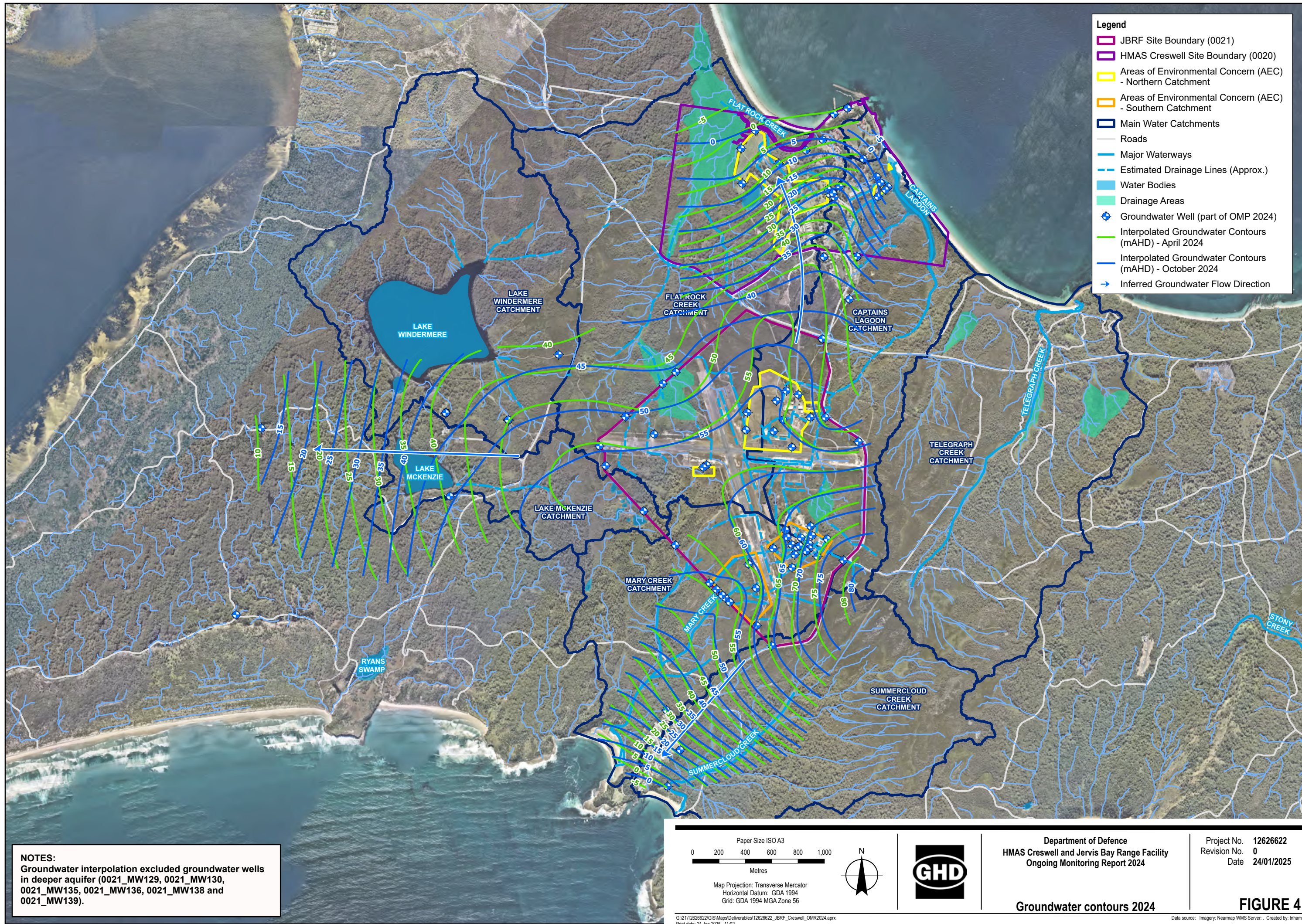


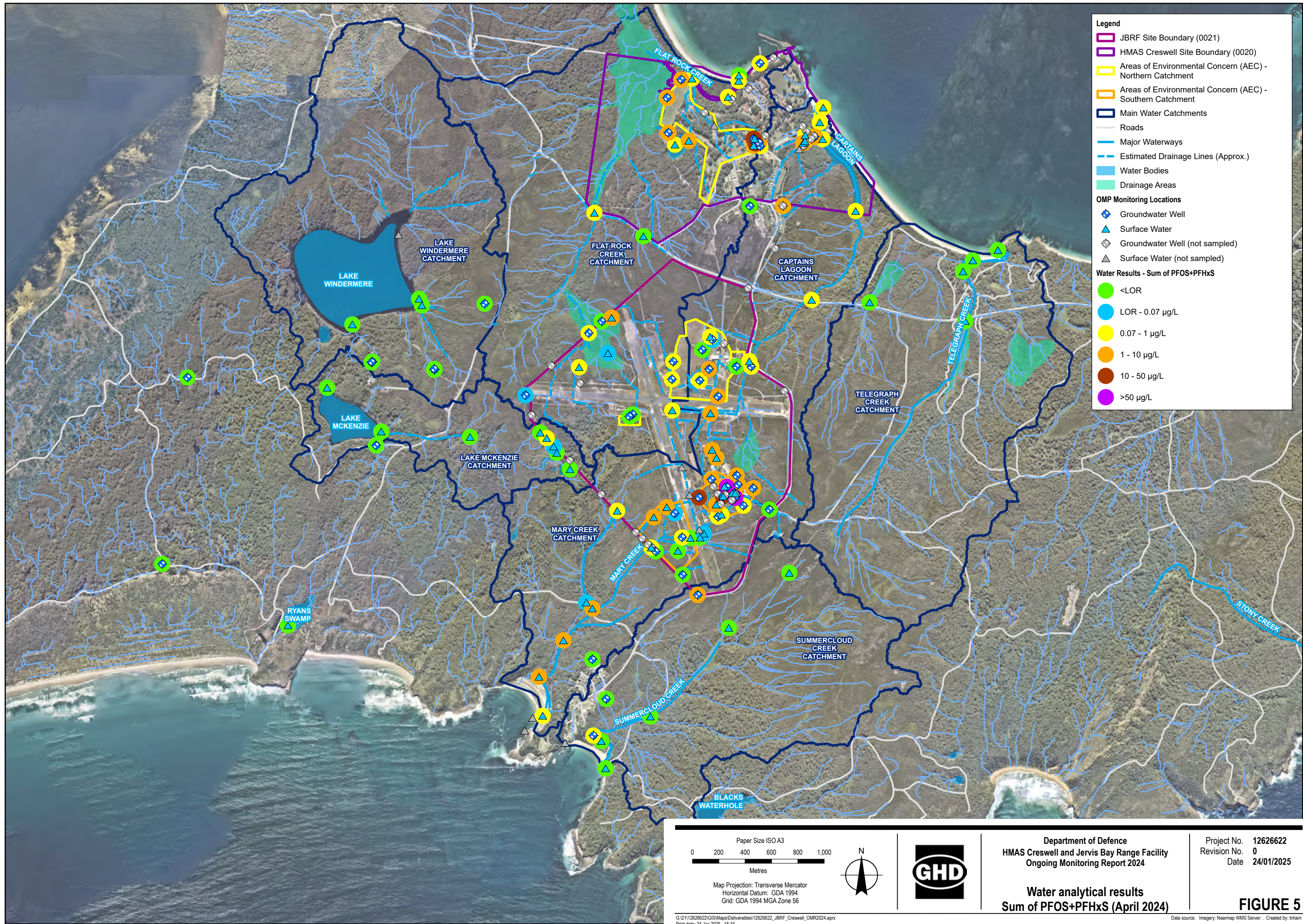


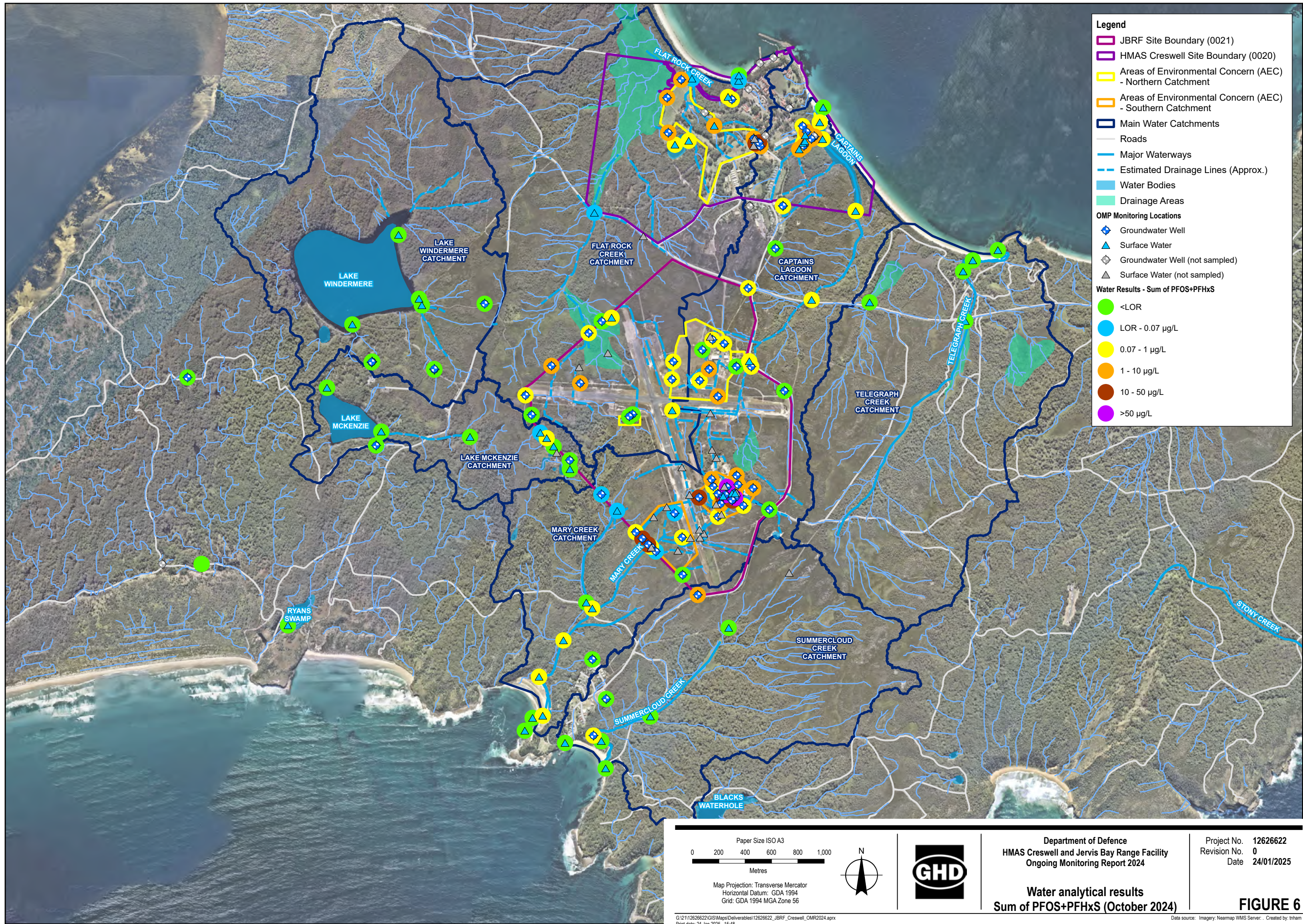


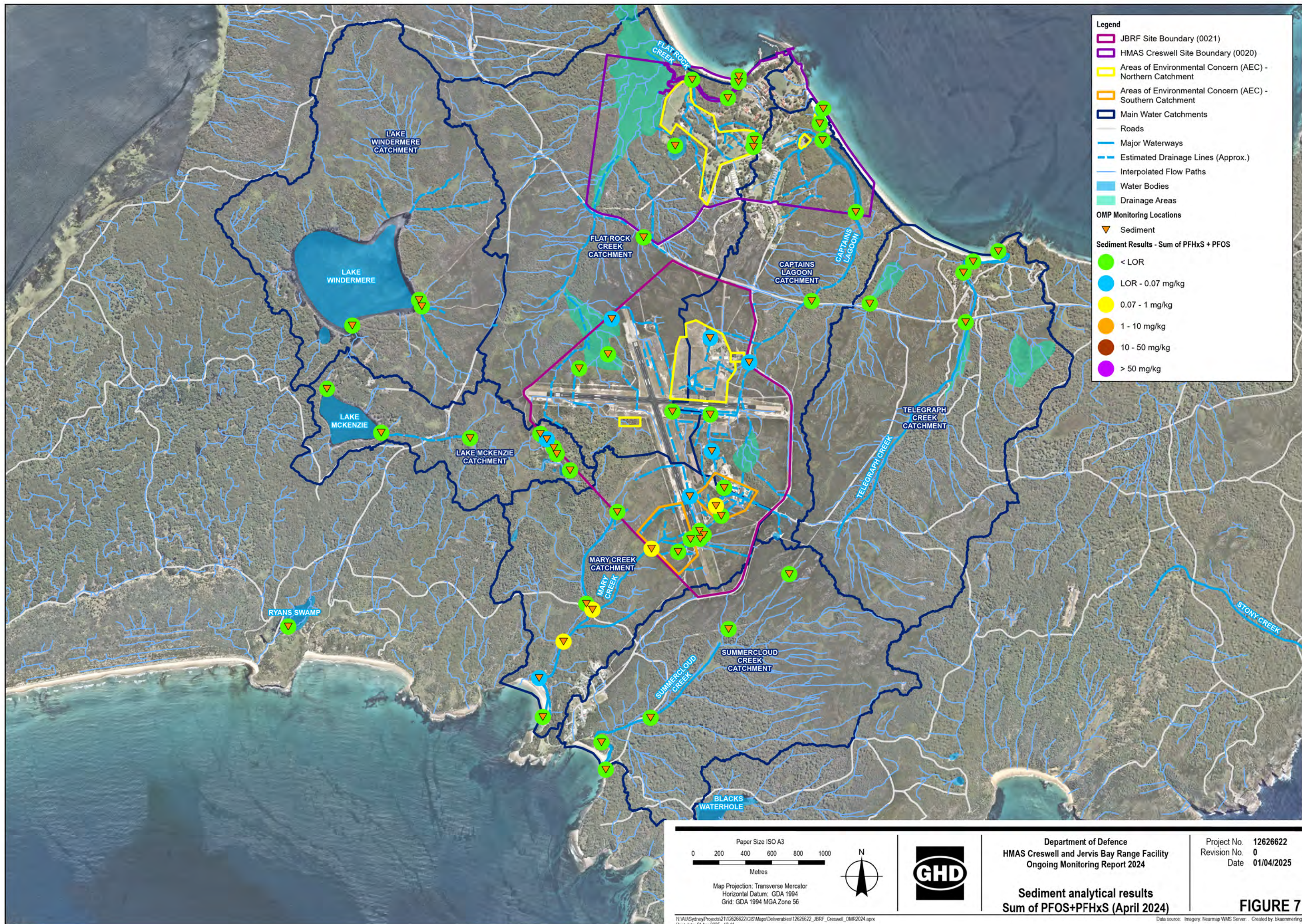


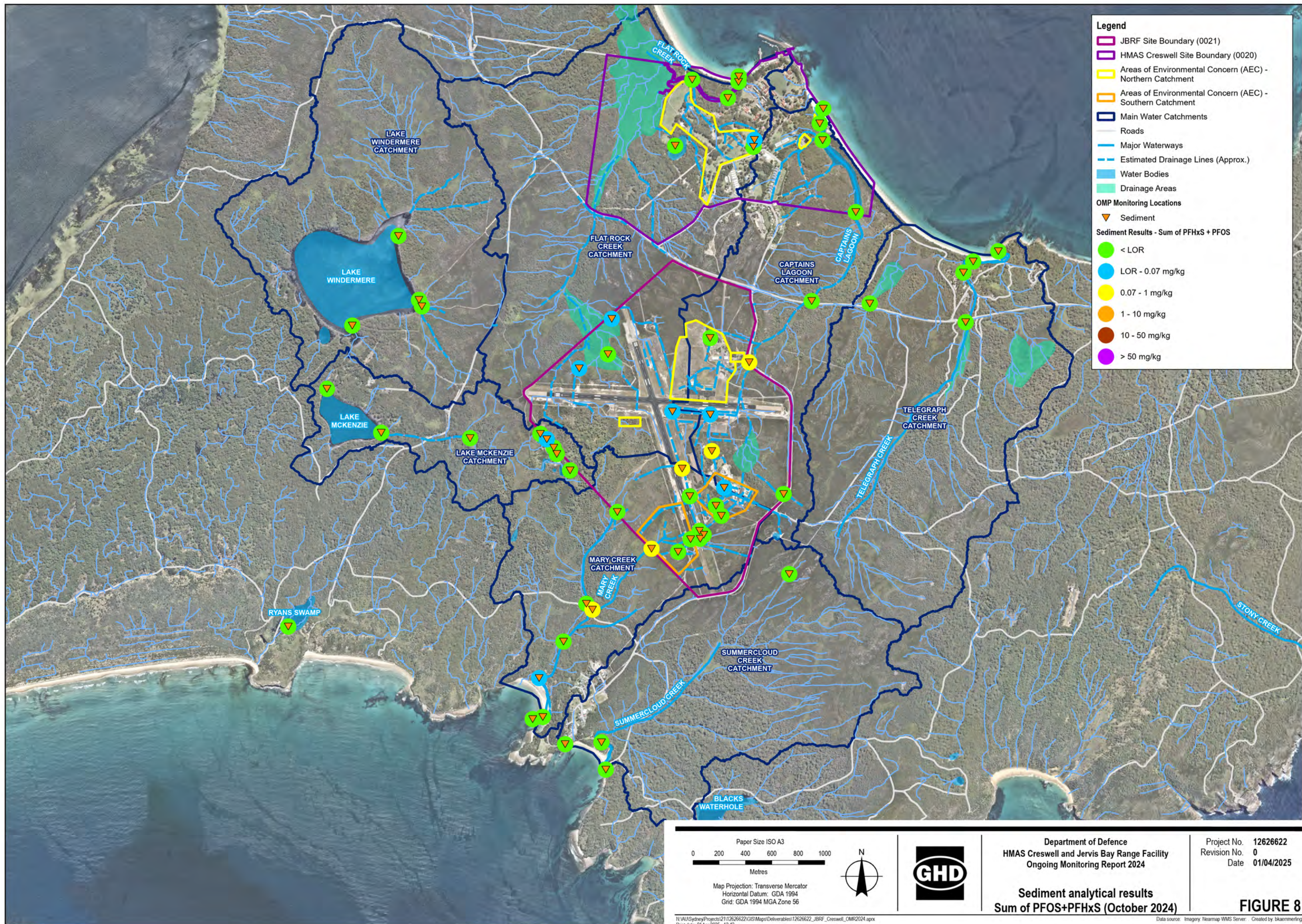












Appendix B

**CSM, performance measures and
response actions**

Table B.1 Site CSM and associated performance measures

Receptor category	Exposure pathway	Exposure pathway status	Administrative controls in place?	Risk screening criteria applied	
				Waters	Sediment
Mary Creek					
Human health (primarily Wreck Bay residents)	Drinking water	Historic sporadic use (but not as main water supply) – HHRA determined elevated risk for children in upper exposure scenario	Yes - Current advice is that Mary Creek is closed for all uses	Not applicable (precautionary advice already in place)	-
	Recreational	Historic use – HHRA determined elevated risk for children in upper exposure scenario		Not applicable (precautionary advice already in place). Tier 1 recreational criteria used in the context of assessing trends	-
	Consumption of biota	Historic use – HHRA determined elevated risk associated with edible invertebrates for both typical and upper exposure scenario		Not applicable (precautionary advice already in place)	-
Ecosystem health	Indirect	ERA determined elevated risks	Not applicable to ecology	Not applicable.	-
	Direct	ERA determined elevated risks	Not applicable to ecology	95% species protection criteria used in the context of trends	-
Flatrock Creek / Captains Lagoon					
Human health (primarily users of BNP, including Wreck Bay residents)	Drinking water	No plausible SPR linkage – not used for drinking water.	No	Not applicable	-
	Recreational (swimming)	Possible SPR linkage – HHRA determined low risk	No	Screening criteria - recreational	-
	Consumption of biota	Historic use – HHRA determined elevated risk associated with the upper exposure scenario	Yes - Current advice is that aquatic biota should not be caught and consumed	Not applicable (precautionary advice already in place)	-
Ecosystem health	Indirect	ERA determined elevated risks	Not applicable to ecology	Not applicable.	-
	Direct	ERA determined elevated risks	Not applicable to ecology	95% species protection criteria used in the context of trends	-
Summercloud Creek					
Human health (primarily users of BNP, including	Drinking water	No plausible SPR linkage – not used for drinking water	No	Not applicable	-
	Recreational (swimming)	Possible SPR linkage – previous results below adopted recreational criteria.	No	Screening criteria - recreational	-

Receptor category	Exposure pathway	Exposure pathway status	Administrative controls in place?	Risk screening criteria applied	
				Waters	Sediment
Wreck Bay residents)	Consumption of biota	Historic use – HHRA determined low and acceptable risk associated with finfish sourced from Summercloud Creek, however PFAS was detected in some biota samples.	Yes - Current advice is that aquatic biota should not be caught and consumed	<i>Not applicable (precautionary advice already in place)</i>	-
	Consumption and use of sediments for ceremonial purposes	Possible SPR linkage – results less than LOR, and was therefore not specifically assessed in HHRA.	No	<i>Not applicable</i>	Detection >0.0002 mg/kg more than twice in a row, or discernible trend with two or more detects
Ecosystem health	Indirect	No known sources, historic concentrations not exceeding criteria , but was included in ERA – low and acceptable	Not applicable to ecology	Screening criteria - 95% species protection	-
	Direct	No known sources, historic concentrations not exceeding criteria, but was included in ERA – low and acceptable	Not applicable to ecology	Screening criteria - 95% species protection	-
Telegraph Creek					
Human health	Drinking water	No plausible SPR linkage – not used for drinking water.	No	<i>Not applicable</i>	-
	Recreational (swimming)	Previous surface water results below adopted recreational criteria and less than or equal to the LOR.	No	Screening criteria - recreational	-
	Consumption of biota	Previous surface water and sediment samples less than or equal to LOR, therefore biota consumption not assessed in HHRA.	No	Detection >0.01 ug/L more than twice in a row, or discernible trend with two or more detects	-
Ecosystem health	Indirect	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	Not applicable to ecology	Screening criteria - 95% species protection	-
	Direct		Not applicable to ecology	Screening criteria - 95% species protection	-
Lakes					
Human health	Drinking water	Lake Windermere is a potable water supply. Previous results less than adopted criteria.	No	Screening criteria - drinking water (Lake Windermere surface water only)	-
	Recreational (swimming)	Both lakes could be used for recreational purposes, noting that Lake McKenzie is within the Botanic gardens fenced area and neither	No	Screening criteria - recreational	-

Receptor category	Exposure pathway	Exposure pathway status	Administrative controls in place?	Risk screening criteria applied	
				Waters	Sediment
		lake is known to be used regularly for recreational purposes. Previous results have been less than the adopted criteria.			
	Consumption of biota	Both lakes could be used for recreational fishing or cultural purposes, however not currently known to occur.	No	Detection >0.01 ug/L more than twice in a row, or discernible trend with two or more detects	-
Ecosystem health	Indirect	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	Not applicable to ecology	Screening criteria - 95% species protection	-
	Direct		Not applicable to ecology	Screening criteria - 95% species protection	-
Clay pools (sub catchment of the Lakes)					
Human health	Drinking water	No plausible SPR linkage – not used for drinking water.	No formal, but pools are not currently in use	<i>Not applicable</i>	-
	Recreational (swimming)	Possible historic use, though not currently used for this purpose.	No formal, but pools are not currently in use	Screening criteria - recreational	-
	Consumption of biota	Area not known to have been used for this purpose (though this needs to be confirmed as part of HHRA update). It is currently assumed that no one is eating biota associated with this area.	No formal, but pools are not currently in use	Detection >0.01 ug/L more than twice in a row, or discernible trend with two or more detects	-
	Consumption and use of sediments for ceremonial purposes	Historically yes – previously assessed in HHRA to be low and acceptable	No formal, but pools are not currently in use	-	EPCs from scenario S2-1a of the HHRA, which were 0.0014 mg/kg of PFAS (sum of total) in sediment associated with the Clay Pools for both typical and upper EPC
Ecosystem health	Indirect	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	Not applicable to ecology	Screening criteria - 95% species protection	-
	Direct		Not applicable to ecology	Screening criteria - 95% species protection	
Bhowere Peninsula (outside of surface water catchments associated with the site)					
Human health	Drinking water	No plausible SPR linkage – area not used for drinking water.	Not applicable	<i>Not applicable</i>	-

Receptor category	Exposure pathway	Exposure pathway status	Administrative controls in place?	Risk screening criteria applied	
				Waters	Sediment
	Recreational (swimming)	No plausible SPR linkage – no standing water bodies tested that would be useable for recreational purposes.	Not applicable	<i>Not applicable</i>	-
	Consumption of biota	It is possible that users of BNP are collecting and consuming biota.	No	Detection >0.01 ug/L more than twice in a row, or discernible trend with two or more detects	-
Ecosystem health	Indirect	No known sources, historic concentrations not exceeding criteria (therefore not specifically assessed in ERA).	Not applicable to ecology	Screening criteria - 95% species protection	-
	Direct		Not applicable to ecology	Screening criteria - 95% species protection	-
Infrastructure tanks – RAN SSSS (sediments not collected)					
Human health	Drinking water	No – not used for drinking water.	Not applicable	<i>Not applicable</i>	-
	“Recreational” via training exercises	Yes – occupational training. HHRA determined low and acceptable.	No	Activity specific HHRA EPC for RAN SSSS: 39.7 ug/L PFAS (sum of total)	-
Ecosystem health	<i>Not applicable – infrastructure does not support significant ecosystem</i>		Not applicable	-	-
Infrastructure tanks – STP (sediments not collected)					
Human health	Direct contact	Not assessed in HHRA as workers at HMAS Creswell whom may come into direct contact with PFAS impacted waste water during works associated with the STP were assumed to be wearing Personal Protective Equipment (PPE), thus minimising exposure.	Not applicable	-	-
Ecosystem health	<i>Not applicable – infrastructure does not support significant ecosystem</i>		Not applicable	-	-

Table B.2 Assessment outcomes and associated responses – ‘Pathway’ and ‘receptor’ locations

Assessment group	Assessment outcome (showing examples of time series graphs)	Initial actions to be undertaken in OMR		Secondary actions to be considered as recommendations to be implemented after OMR
Potential exposure pathway managed via administrative controls or where elevated ecological risk has previously been identified via ERA (trend assessment with screening criteria for context of results).	Upward or no trend, and exceedance	Consider: – Is receptor exposure possible (ie. Is the monitoring location off-base)? – Is the exceedance greater than the potential laboratory error margins (ie. A true exceedance)? – Is the trend valid (ie. Greater than three analytical results)? If yes to any of the above, proceed to secondary actions. If no to all of the above, continue monitoring as per OMP.		– Confirm management measures are adequate and are being followed / enforced (if applicable). – Assess why upward trend is occurring in context of the site (eg. activities, climatic events) and other locations in catchment / SPR. – Confirm monitoring program in area is suitable. – Continue monitoring as part of OMP. – Consider increasing monitoring frequency and/or monitoring net work
	Up trend, no exceedance			
	Downward trend and exceedance	Continue monitoring as per OMP		-
	No or downward trend, no exceedance	Continue monitoring as per OMP		-
Potential exposure pathway does not have administrative measures in place, or management is not applicable to that pathway (trend assessment and performance measures).	Upward trend, and exceedance	Consider: – Is receptor exposure possible (ie. Is the monitoring location off-base)? – Is the exceedance greater than the potential laboratory error margins (ie. A true exceedance)? – Is the trend valid (ie. Greater than three analytical results)? Proceed to secondary actions.		If yes to any of the initial actions: – Confirm if trend is observed in downgradient pathway / receptor locations – Consider increasing monitoring frequency and/or monitoring net work – Re-evaluate risk assessment for that SPR and/or implement management measures – Assess why upward trend is occurring in context of site (eg. activities, climatic events) and other locations in catchment / SPR – Continue monitoring as part of OMP If no to all of the initial actions: – Assess why upward trend is occurring in context of site (eg. activities, climatic events) and other locations in catchment / SPR – Continue monitoring as part of OMP.
	No trend and exceedance	Undertake further assessment,	No new maximum and data within population.	-

Assessment group	Assessment outcome (showing examples of time series graphs)	Initial actions to be undertaken in OMR		Secondary actions to be considered as recommendations to be implemented after OMR
		considering if the data has a new maximum (ie compare to historical data) and comparing the data to other locations in the same catchment. Outcomes are listed adjacent:	Continue monitoring as per OMP.	
			New maximum greater than criteria, but within population (ie. potential risk at individual location, but limited evidence of change within catchment area) Consider: – Is there a plausible SPR linkage? – Are other comparable locations displaying similar patterns? Proceed to secondary actions.	If yes to any of the initial actions: – Consider the need for risk assessment. – Assess why change may have occurred in context of site (eg. activities, climatic events). – Consider increasing monitoring frequency and/or monitoring net work. – Continue monitoring as per OMP. If no to all initial actions: – Continue monitoring as per OMP.
	Downward trend and exceedance		New maximum greater than criteria, outside population (ie. potential risk at individual location, and evidence of change) Consider: – Is there a plausible SPR linkage? – Are upgradient and/or downgradient locations also showing change? – Are other comparable locations displaying similar patterns? Proceed to secondary actions.	If yes to any of the initial actions: – Consider need for risk assessment – Assess why change may have occurred in context of site (eg. activities, climatic events). – Consider increasing monitoring frequency and/or monitoring net work – Continue monitoring as per OMP. If no to all initial actions: – Assess why change may have occurred in context of site (eg. activities, climatic events). – Continue monitoring as per OMP.
			Continue monitoring as per OMP	-
	Upward trend, no exceedance	– Assess why change may have occurred in context of site (eg. activities, climatic events). – Are other comparable locations displaying similar patterns? If yes, proceed to secondary actions. – Continue monitoring as per OMP.		Consider increasing monitoring frequency and/or monitoring net work
	No trend or downward trend, no exceedance	– Has a strong downward trend been maintained for at least three rounds of monitoring? If yes, proceed to secondary actions. – Continue monitoring as per OMP.		Assess whether risks have been reduced, and consider adjustments to the PMAP and OMP.

Assessment group	Assessment outcome (showing examples of time series graphs)	Initial actions to be undertaken in OMR	Secondary actions to be considered as recommendations to be implemented after OMR
Section 5 – site characteristics review	Land use, surface water use and/or groundwater use changes are identified	Assess if there are new, plausible SPR linkages associated with the change, and if these linkages may represent a change in the site risk profile. If no plausible SPR linkages are identified, continue monitoring as per the OMP. If new SPR linkages are identified, proceed to secondary actions. Review the monitoring network to confirm that it is adequate for the change in circumstances.	Undertake sampling of revised monitoring network prior to the next scheduled OMP event. Consider further data gap assessment of the changed circumstances, including land / water use surveys. Consider the need for risk assessment.

Appendix C

Analytical result summary tables

	Field Parameters				
	pH (Field)	Electrical conductivity (field)	Dissolved Oxygen (Field)	Redox (Field)	Temperature (Field)
EQL	pH units	µS/cm	mg/L	mV	°C
	0.01	0.1	0.01	0.01	0.1

Site ID	Location Code	Date	Catchment	SPR classification					
0020	0020_MW007	08 Apr 2024	Flatrock Creek	Pathway	7.12	671	1.75	112.3	23.9
0020	0020_MW012	08 Apr 2024	Captains Lagoon	Pathway	5.18	260.5	1.41	20.9	21.1
0020	0020_MW012	21 Oct 2024	Captains Lagoon	Pathway	4.97	183.1	0.77	-35.3	17.4
0020	0020_MW017	08 Apr 2024	Flatrock Creek	Pathway	4.85	317.7	4.12	102.4	21.4
0020	0020_MW017	21 Oct 2024	Flatrock Creek	Pathway	4.84	292.8	1.37	1.36	17.5
0020	0020_MW037	08 Apr 2024	Flatrock Creek	Source	5.87	222	0.67	149.5	21.6
0020	0020_MW037	22 Oct 2024	Flatrock Creek	Source	4.01	341.8	2.75	255	16.7
0020	0020_MW056	21 Oct 2024	Captains Lagoon	Pathway	5.21	168.4	1.86	46.1	16.8
0020	0020_MW057	21 Oct 2024	Captains Lagoon	Pathway	5.75	2.18	1.77	120.1	16.9
0020	0020_MW058	21 Oct 2024	Captains Lagoon	Pathway	5.33	113.1	2.3	110.6	18.5
0020	0020_MW059	21 Oct 2024	Captains Lagoon	Pathway	6.04	134.7	3.36	175.1	18.1
0020	0020_MW068	21 Oct 2024	Flatrock Creek	Pathway	5.58	227.9	2.76	145.1	18.3
0020	0020_MW102D	08 Apr 2024	Captains Lagoon	Pathway	4.89	479.8	2.8	177.6	18.9
0020	0020_MW102D	22 Oct 2024	Captains Lagoon	Pathway	5.81	399.5	1.61	55.3	19.5
0020	0020_MW102S	22 Oct 2024	Captains Lagoon	Pathway	5.27	196.8	2.9	138.7	18.7
0020	0020_MW104	22 Oct 2024	Captains Lagoon	Pathway	4.25	349.7	3.53	253.4	21
0020	0020_MW105	08 Apr 2024	Captains Lagoon	Pathway	3.71	671	2.96	266	19.7
0020	0020_MW109	08 Apr 2024	Flatrock Creek	Pathway	5.11	335.9	3.7	58.8	22.4
0020	0020_MW109	21 Oct 2024	Flatrock Creek	Pathway	5.59	1,911	4.19	-92.4	17.8
0020	0020_MW110	08 Apr 2024	Flatrock Creek	Pathway	6.31	428	6.77	56.8	21.4
0020	0020_MW110	21 Oct 2024	Flatrock Creek	Pathway	6.09	325.9	3.05	-30.6	17.8
0020	0020_MW111	08 Apr 2024	Flatrock Creek	Pathway	5.43	189	2.72	117.1	23.3
0020	0020_MW111	22 Oct 2024	Flatrock Creek	Pathway	5.59	277.3	2.18	62.3	19.1
0020	0020_MW112	08 Apr 2024	Flatrock Creek	Source	3.95	312.4	1.49	136.7	21
0020	0020_MW112	21 Oct 2024	Flatrock Creek	Source	4.26	511	5.31	251.1	16.8
0020	0020_MW115	08 Apr 2024	Flatrock Creek	Source	6.13	262	0.75	144.7	21.5
0020	0020_MW115	22 Oct 2024	Flatrock Creek	Source	5.73	278	4.56	191.8	15.9
0020	0020_SW004	08 Apr 2024	Captains Lagoon	Receptor	6.41	11,761	5.93	2.8	24.4
0020	0020_SW004	25 Oct 2024	Captains Lagoon	Receptor	7.12	11,474	7.71	138.9	19.1
0020	0020_SW005	08 Apr 2024	Captains Lagoon	Receptor	5.89	1,804	6.42	-32.4	19.6
0020	0020_SW005	25 Oct 2024	Captains Lagoon	Receptor	6.74	11,494	7.67	156.9	19.1
0020	0020_SW010	08 Apr 2024	Captains Lagoon	Receptor	6.26	6,817	5.14	69.7	22
0020	0020_SW010	25 Oct 2024	Captains Lagoon	Receptor	7.48	11,462	6.73	81.1	20.3
0020	0020_SW011	08 Apr 2024	Captains Lagoon	Pathway	5.97	176.3	5.16	58.4	20.3
0020	0020_SW011	23 Oct 2024	Captains Lagoon	Pathway	6.01	122	8	102.6	16.6
0020	0020_SW012	08 Apr 2024	Captains Lagoon	Receptor	7.09	17,953	6.55	-3.6	23.9
0020	0020_SW012	25 Oct 2024	Captains Lagoon	Receptor	7.97	44,083	7.33	125	17.9
0020	0020_SW016	08 Apr 2024	Flatrock Creek	Source	6.12	528	2.29	81.1	23.5
0020	0020_SW016	21 Oct 2024	Flatrock Creek	Source	-	-	9.49	-	24.2
0020	0020_SW018	08 Apr 2024	Flatrock Creek	Source	8.84	392.3	7.93	51.5	24.3
0020	0020_SW018	21 Oct 2024	Flatrock Creek	Source	9.15	390.4	8	340.5	23.3
0020	0020_SW022	08 Apr 2024	Flatrock Creek	Pathway	6.14	337.4	6.32	111.7	22.2
0020	0020_SW023	08 Apr 2024	Flatrock Creek	Pathway	6.67	361	4.67	115.8	22.4
0020	0020_SW026	08 Apr 2024	Flatrock Creek	Receptor	6.37	13,449	3.74	94.1	21.8
0020	0020_SW026	25 Oct 2024	Flatrock Creek	Receptor	8.03	44,904	6.5	109.4	19.5
0020	0020_SW027	08 Apr 2024	Flatrock Creek	Receptor	6.28	11,259	3.92	93.6	22.8
0020	0020_SW027	25 Oct 2024	Flatrock Creek	Receptor	7.34	40,412	3.45	100.3	19.1
0020	0020_SW029	08 Apr 2024	Flatrock Creek	Receptor	4.61	4,543	4.45	21.6	22.1
0020	0020_SW029	21 Oct 2024	Flatrock Creek	Receptor	7.85	34,583	4.72	82.8	18.2
0020	0020_SW030	08 Apr 2024	Flatrock Creek	Pathway	7.27	160.6	7.21	217.4	18.4
0020	0020_SW030	26 Oct 2024	Flatrock Creek	Pathway	5.91	139	11.25	40.9	13.8
0020	0020_SW032	08 Apr 2024	Flatrock Creek	Pathway	4.02	169.1	8.11	211.6	19.3
0020	0020_SW033	08 Apr 2024	Flatrock Creek	Receptor	4.22	47,395	4.21	70.5	23.6
0020	0020_SW033	25 Oct 2024	Flatrock Creek	Receptor	8.11	45,405	5.68	104.4	18.7
0020	0020_SW035	08 Apr 2024	STP	Tank	5.54	1,796	7.66	337.2	22.8
0020	0020_SW035	21 Oct 2024	STP	Tank	9.55	900	5.6	53.3	18.5
0020	0020_SW036	08 Apr 2024	STP	Tank	5.9	383.9	3.91	242.5	22.2
0020	0020_SW036	21 Oct 2024	STP	Tank	5.93	501	3.31	88.9	19.6
0020	0020_SW037	08 Apr 2024	STP	Tank	5.86	384	3.44	193.6	21.7
0020	0020_SW037	21 Oct 2024	STP	Tank	7.81	523	13.09	3.6	21.9
0020	0020_SW054	21 Oct 2024	Flatrock Creek	Pathway	6.32	284.4	2.91	105.4	29.7
0020	0020_SW057	21 Oct 2024	Captains Lagoon	Pathway	6.22	161.9	6.04	96.5	16.3
0021	0021_MW018	22 Oct 2024	Captains Lagoon	Pathway	4.15	312	1.7	254	19.1
0021	0021_MW020	23 Oct 2024	Clay Pools	Receptor	6.17	792	1.4	-1.8	17
0021	0021_MW021	25 Oct 2024	Mary Creek	Pathway	4.36	483.2	1.63	365.4	17.7
0021	0021_MW022	08 Apr 2024	Summercloud Creek	Pathway	3.97	205.8	1.32	192.2	20.4
0021	0021_MW022	24 Oct 2024	Summercloud Creek	Pathway	4.6	207.6	2.06	231.7	16.8
0021	0021_MW024	08 Apr 2024	Mary Creek	Source	3.9	495.8	2.05	138.9	20.8
0021	0021_MW024	24 Oct 2024	Mary Creek	Source	4.07	372	2.32	255.4	16.6
0021	0021_MW025	12 Apr 2024	Flatrock Creek	Source	4.28	91.1	3.45	31.5	21.7
0021	0021_MW025	22 Oct 2024	Flatrock Creek	Source	5.03	98.5	1.9	153.8	17.7
0021	0021_MW026	12 Apr 2024	Flatrock Creek	Source	4.99	456.2	6.16	30.4	20.3
0021	0021_MW026	22 Oct 2024	Flatrock Creek	Source	5.11	717	1.05	147.3	18.3
0021	0021_MW028	12 Apr 2024	Captains Lagoon	Source	5.01	1,492	2.98	-12.2	20.3
0021	0021_MW028	22 Oct 2024	Captains Lagoon	Source	5.29	1,396	4.86	174	18.4
0021	0021_MW030	10 Apr 2024	Captains Lagoon	Source	6.55	1,792	1.84	39.6	18.7
0021	0021_MW030	24 Oct 2024	Captains Lagoon	Source	6.68	1,851	0.96	-70.2	17.9
0021	0021_MW060	25 Oct 2024	Mary Creek	Pathway	5.37	212.1	3.97	117.1	18.2
0021	0021_MW061	11 Apr 2024	Mary Creek	Source	5.98	424.5	1.21	88	24.2
0021	0021_MW061	24 Oct 2024	Mary Creek	Source	6.12	339.7	1.4	-135.7	18.8
0021	0021_MW062	11 Apr 2024	Captains Lagoon	Source	6.41	679	1.59	11	21.6
0021	0021_MW062	24 Oct 2024	Captains Lagoon	Source	6.49	467.9	2.08	-139.7	17.6
0021	0021_MW063	25 Oct 2024	Mary Creek	Source	5.15	302	2.01	93.7	17.7
0021	0021_MW064	25 Oct 2024	Mary Creek	Source	4.94	205.4	1.7	-740	18.9
0021	0021_MW065	24 Oct 2024	Mary Creek	Source	6.3	437.4	1.26	-146.1	16.4
0021	0021_MW070	25 Oct 2024	Mary Creek	Pathway	4.86	257.6	2.58	-33.7	15.8
0021	0021_MW071	25 Oct 2024	Mary Creek	Pathway	5.06	265.1	2.77	-73.1	17.5
0021	0021_MW072	25 Oct 2024	Mary Creek	Pathway	4.84	205.3	1.68	-76.5	16.4
0021	0021_MW101	10 Apr 2024	Mary Creek	Source	6.08	319.8	6.31	260.8	20.4
0021	0021_MW101	24 Oct 2024	Mary Creek	Source	6.18	294.9	2.54	-31.2	17.9
0021	0021_MW102	10 Apr 2024	Captains Lagoon	Source	6.32	358	3.86	45.5	22.6
0021	0021_MW102	24 Oct 2024	Captains Lagoon	Source	6.87	212.3	3.5	62.3	20.5
0021	0021_MW103	11 Apr 2024	Mary Creek	Source	5.52	346.2	4.51	12	17.8
0021	0021_MW103	25 Oct 2024	Mary Creek	Source	5.73	302.2	2.53	185.2	17.8
0021	0021_MW104	11 Apr 2024	Mary Creek	Source	3.84	248	6.11	58.4	19.3

					Field Parameters				
					pH (Field)	Electrical conductivity (field)	Dissolved Oxygen (Field)	Redox (Field)	Temperature (Field)
					pH units	µS/cm	mg/L	mV	°C
EQL					0.01	0.1	0.01	0.01	0.1
Site ID	Location Code	Date	Catchment	SPR classification					
0021	0021_MW104	24 Oct 2024	Mary Creek	Source	4.44	224.5	4.11	190	15.5
0021	0021_MW105	11 Apr 2024	Mary Creek	Source	5.16	699	3.54	-19.2	19.1
0021	0021_MW105	22 Oct 2024	Mary Creek	Source	5.4	231	9.04	45.9	16.7
0021	0021_MW106	10 Apr 2024	Mary Creek	Source	6.48	403.4	1.26	176.1	19.7
0021	0021_MW106	24 Oct 2024	Mary Creek	Source	6.36	425.1	1.78	-109.8	18.6
0021	0021_MW107	11 Apr 2024	Mary Creek	Source	5.62	500	1.38	29.4	20.4
0021	0021_MW107	24 Oct 2024	Mary Creek	Source	5.68	337.9	1.89	-90.2	17.8
0021	0021_MW108	11 Apr 2024	Captains Lagoon	Pathway	5.72	160	3.95	349	19.7
0021	0021_MW109	10 Apr 2024	Captains Lagoon	Source	5.67	163.8	1.87	-47.5	21.1
0021	0021_MW109	24 Oct 2024	Captains Lagoon	Source	4.78	301.2	1.46	-69.7	17.5
0021	0021_MW110	10 Apr 2024	Mary Creek	Source	5.01	227.2	1.03	145.6	19.5
0021	0021_MW110	25 Oct 2024	Mary Creek	Source	4.84	201.4	2.51	-19.5	17.7
0021	0021_MW111	10 Apr 2024	Mary Creek	Source	6.54	121	5.53	67.4	19.6
0021	0021_MW111	25 Oct 2024	Mary Creek	Source	5.14	89.2	3.05	-501.3	18.8
0021	0021_MW112	08 Apr 2024	Mary Creek	Pathway	4.38	401.1	4.13	189	21.5
0021	0021_MW112	24 Oct 2024	Mary Creek	Pathway	4.64	348.1	2.81	245.1	16.3
0021	0021_MW113	10 Apr 2024	Mary Creek	Pathway	4.42	177.3	1.21	264.5	19.2
0021	0021_MW113	24 Oct 2024	Mary Creek	Pathway	6.88	129.8	3.29	-69.9	16.5
0021	0021_MW114	09 Apr 2024	Bherwerre Barrier	Receptor	5.96	412.7	4.27	-54.9	19.1
0021	0021_MW114	26 Oct 2024	Bherwerre Barrier	Receptor	6.3	234.8	1.17	-10.1	17
0021	0021_MW115	11 Apr 2024	Bherwerre Barrier	Receptor	6.79	398.8	5.68	-25	21.3
0021	0021_MW117	12 Apr 2024	Flatrock Creek	Source	6.79	508	5.25	59.4	22.8
0021	0021_MW117	22 Oct 2024	Flatrock Creek	Source	6.51	725	1.25	-20.2	17.7
0021	0021_MW118	12 Apr 2024	Flatrock Creek	Source	6.65	311.3	1.74	13.8	22.1
0021	0021_MW118	22 Oct 2024	Flatrock Creek	Source	7	824	1.44	-92.3	18.7
0021	0021_MW119	12 Apr 2024	Captains Lagoon	Source	5.48	277.9	4.15	-52.7	20.6
0021	0021_MW119	22 Oct 2024	Captains Lagoon	Source	4.7	818	2.9	266	18.4
0021	0021_MW120	12 Apr 2024	Captains Lagoon	Source	5.58	842	4.61	-22.2	21.8
0021	0021_MW120	22 Oct 2024	Captains Lagoon	Source	5.75	1,047	1.87	30.5	19.6
0021	0021_MW121	10 Apr 2024	Captains Lagoon	Source	6.51	185.6	1.72	129.4	19.6
0021	0021_MW121	24 Oct 2024	Captains Lagoon	Source	6.16	134.3	1.01	-22	16.9
0021	0021_MW123	12 Apr 2024	Captains Lagoon	Source	5.03	311	5.95	-12.3	20.9
0021	0021_MW123	22 Oct 2024	Captains Lagoon	Source	5.38	160	2.77	195	18.2
0021	0021_MW124	10 Apr 2024	Captains Lagoon	Pathway	4.96	194.6	3.12	-76	21.1
0021	0021_MW124	22 Oct 2024	Captains Lagoon	Pathway	5.33	192.6	1.77	-52.9	17.6
0021	0021_MW125	10 Apr 2024	Flatrock Creek	Pathway	5.36	171.8	2.04	-21.4	20.2
0021	0021_MW125	26 Oct 2024	Flatrock Creek	Pathway	5.62	166.5	1.87	-47	15.6
0021	0021_MW126	10 Apr 2024	Flatrock Creek	Pathway	5.75	482.5	3.41	61.9	18.9
0021	0021_MW126	26 Oct 2024	Flatrock Creek	Pathway	6.22	425.2	9.06	30	14.6
0021	0021_MW127	24 Oct 2024	Captains Lagoon	Source	4.48	323.7	1.11	138.9	18.1
0021	0021_MW128	10 Apr 2024	Flatrock Creek	Pathway	4.32	884	3.47	117.3	22.4
0021	0021_MW128	23 Oct 2024	Flatrock Creek	Pathway	4.43	855	3.37	154.8	18
0021	0021_MW129	09 Apr 2024	Lakes	Pathway	5.97	350.6	4.12	-114.4	16.1
0021	0021_MW129	26 Oct 2024	Lakes	Pathway	5.77	769.3	0.8	-5.7	16.7
0021	0021_MW130	09 Apr 2024	Lakes	Pathway	6.25	290.7	3.4	-18.2	15.7
0021	0021_MW130	26 Oct 2024	Lakes	Pathway	6.09	269.2	1.78	-120.9	17.9
0021	0021_MW131	09 Apr 2024	Summercloud Creek	Pathway	6.5	1,498	3.82	-41	18.4
0021	0021_MW131	23 Oct 2024	Summercloud Creek	Pathway	6.14	119.6	2.05	-3.4	17.3
0021	0021_MW132	09 Apr 2024	Summercloud Creek	Pathway	4.65	395.1	2.12	39.9	17.5
0021	0021_MW132	23 Oct 2024	Summercloud Creek	Pathway	5.79	413.2	3.31	115.8	17.8
0021	0021_MW133	09 Apr 2024	Mary Creek	Pathway	4.96	605	1.27	57.3	17.2
0021	0021_MW133	23 Oct 2024	Mary Creek	Pathway	5.35	412.3	3.5	65.2	18.2
0021	0021_MW134	24 Oct 2024	Captains Lagoon	Pathway	4.63	271.9	2.64	180.2	18.2
0021	0021_MW135	09 Apr 2024	Lakes	Pathway	5.99	319.2	3.66	6.4	17.2
0021	0021_MW135	26 Oct 2024	Lakes	Pathway	5.63	241.1	1.32	-118.2	16.6
0021	0021_MW136	09 Apr 2024	Lakes	Pathway	5.01	230.8	2.54	-15.4	17
0021	0021_MW136	26 Oct 2024	Lakes	Pathway	5.08	138.6	2.27	-32	17.7
0021	0021_MW137	09 Apr 2024	Lakes	Pathway	4.28	336.1	3.36	180.9	17.4
0021	0021_MW137	26 Oct 2024	Lakes	Pathway	4.21	179	2.48	64.2	15.8
0021	0021_MW138	09 Apr 2024	Lakes	Pathway	6.72	743	0.67	-87.1	15.9
0021	0021_MW138	26 Oct 2024	Lakes	Pathway	6.37	395.6	1.62	-132	17.4
0021	0021_MW139	09 Apr 2024	Lakes	Pathway	5.51	287.6	2.12	39.1	15
0021	0021_MW139	26 Oct 2024	Lakes	Pathway	5.35	267.1	2.72	-12.5	17.9
0021	0021_MW140	09 Apr 2024	Lakes	Pathway	5.26	263.5	1.46	-6	16.3
0021	0021_MW140	26 Oct 2024	Lakes	Pathway	5.36	267.7	1.5	-16.8	17
0021	0021_MW150	25 Oct 2024	Mary Creek	Source	4.71	258	1.47	191.3	18.3
0021	0021_MW151	25 Oct 2024	Mary Creek	Source	4.54	264.4	1.34	252.6	18
0021	0021_MW152	25 Oct 2024	Mary Creek	Source	4.55	260.6	3.33	236.9	18.7
0021	0021_MW153	25 Oct 2024	Mary Creek	Source	4.14	274.4	1.41	223.7	16.4
0021	0021_MW154	25 Oct 2024	Mary Creek	Source	4.15	302.1	2.92	229.4	17.2
0021	0021_MW155	25 Oct 2024	Mary Creek	Source	6.2	452	29.2	28.5	17.9
0021	0021_MW160	23 Oct 2024	Flatrock Creek	Pathway	5.05	285.4	5.3	170.9	18.2
0021	0021_MW163	23 Oct 2024	Flatrock Creek	Pathway	5.03	757	2.29	185.8	16.8
0021	0021_MW164	22 Oct 2024	Flatrock Creek	Pathway	5.98	272	8.2	-0.9	17.6
0021	0021_OTH001	11 Apr 2024	RAN SSSS	Tank	7.25	203.8	8.04	340.7	19.9
0021	0021_OTH001	28 Oct 2024	RAN SSSS	Tank	7.24	360.3	7.86	565	20.4
0021	0021_OTH002	10 Apr 2024	RAN SSSS	Tank	7.18	586	6.38	222.2	20.6
0021	0021_OTH002	28 Oct 2024	RAN SSSS	Tank	7.39	564	6.33	685	19.4
0021	0021_OTH003	11 Apr 2024	RAN SSSS	Tank	7.37	271.5	12.84	394.9	18.7
0021	0021_OTH003	28 Oct 2024	RAN SSSS	Tank	7.04	532	6.33	655	19.2
0021	0021_OTH004	11 Apr 2024	RAN SSSS	Tank	7.48	313.2	8.44	334.2	18.7
0021	0021_OTH004	28 Oct 2024	RAN SSSS	Tank	6.77	288	6.81	502	19.6
0021	0021_OTH005	10 Apr 2024	RAN SSSS	Tank	8.88	65.2	5.28	150.5	20.5
0021	0021_OTH005	28 Oct 2024	RAN SSSS	Tank	6.66	587.5	6.56	587.5	19.1
0021	0021_OTH006	11 Apr 2024	RAN SSSS	Tank	7.09	1,384	7.11	669.4	22
0021	0021_OTH006	28 Oct 2024	RAN SSSS	Tank	6.54	788	6.02	506	19.5
0021	0021_SW001	10 Apr 2024	Captains Lagoon	Source	6.57	237.7	5.43	-31.9	23.3
0021	0021_SW002	11 Apr 2024	Mary Creek	Source	5.67	214.9	9.6	-20.7	17.4
0021	0021_SW003	11 Apr 2024	Mary Creek	Source	4.07	182.2	8.51	45.1	19.7
0021	0021_SW004	12 Apr 2024	Mary Creek	Source	4.38	173.2	7.22	62.6	19
0021	0021_SW005	12 Apr 2024	Mary Creek	Source	4.16	176.7	9.58	28.7	18.5
0021	0021_SW006	12 Apr 2024	Mary Creek	Source	4.04	153.8	10.1	40.1	17.7
0021	0021_SW010	10 Apr 2024	Mary Creek	Pathway	4.5	128.8	3.24	266.4	17.5
0021	0021_SW011	10 Apr 2024	Mary Creek	Source	4.82	186.5	3.76	200.4	19.2
0021	0021_SW013	10 Apr 2024	Captains Lagoon	Pathway	5.53	528	7.25	-46.8	20.7

	Field Parameters				
	pH (Field)	Electrical conductivity (field)	Dissolved Oxygen (Field)	Redox (Field)	Temperature (Field)
	pH units	µS/cm	mg/L	mV	°C
EQL	0.01	0.1	0.01	0.01	0.1

Site ID	Location Code	Date	Catchment	SPR classification					
0021	0021_SW013	22 Oct 2024	Captains Lagoon	Pathway	5.88	190	4.34	46.8	17.2
0021	0021_SW019	11 Apr 2024	Captains Lagoon	Pathway	6.45	305.3	6.44	-38.2	19.3
0021	0021_SW020	12 Apr 2024	Flatrock Creek	Pathway	4.95	318.5	8.2	26.1	20
0021	0021_SW020	22 Oct 2024	Flatrock Creek	Pathway	6.63	391.6	3.65	76.7	17.2
0021	0021_SW021	12 Apr 2024	Captains Lagoon	Pathway	5.63	297.4	11.05	12.2	21.6
0021	0021_SW022	10 Apr 2024	Flatrock Creek	Pathway	4.62	93.2	4.57	110.5	14.8
0021	0021_SW022	26 Oct 2024	Flatrock Creek	Pathway	5.68	98.1	6.53	116.4	11.6
0021	0021_SW024	10 Apr 2024	Flatrock Creek	Pathway	5.32	134.4	5.87	72.1	17.4
0021	0021_SW025	10 Apr 2024	Flatrock Creek	Pathway	5.37	175.3	8.75	71.9	22.3
0021	0021_SW027	10 Apr 2024	Captains Lagoon	Source	5.57	198.9	3.17	173.8	17.9
0021	0021_SW032	09 Apr 2024	Lakes	Receptor	5.58	200.7	4.12	20.4	19.1
0021	0021_SW032	25 Oct 2024	Lakes	Receptor	6.25	196.1	7.22	56.9	22.4
0021	0021_SW034	09 Apr 2024	Lakes	Receptor	5.7	204.8	5.62	80.8	19
0021	0021_SW034	25 Oct 2024	Lakes	Receptor	7.45	242.2	6.63	65	23.2
0021	0021_SW035	10 Apr 2024	Lakes	Pathway	3.8	143.7	7.62	128.1	14.6
0021	0021_SW035	26 Oct 2024	Lakes	Pathway	5.51	162	4.42	127.8	13.9
0021	0021_SW036	09 Apr 2024	Lakes	Receptor	5.98	110.9	5.89	48.2	17.7
0021	0021_SW036	25 Oct 2024	Lakes	Receptor	6.6	89.1	6.21	79.5	20.5
0021	0021_SW037	09 Apr 2024	Lakes	Receptor	5.46	114.5	8.15	148.8	16.8
0021	0021_SW037	25 Oct 2024	Lakes	Receptor	5.57	101	5.25	153.1	19.9
0021	0021_SW038	26 Oct 2024	Lakes	Receptor	5.61	96.7	8.11	158.7	19.5
0021	0021_SW040	09 Apr 2024	Lakes	Receptor	4.42	125	8.29	165	15.9
0021	0021_SW040	25 Oct 2024	Lakes	Receptor	5.56	101.8	5.95	198.1	21.2
0021	0021_SW043	09 Apr 2024	Mary Creek	Receptor	5.08	359.6	5.05	108.9	17.3
0021	0021_SW043	23 Oct 2024	Mary Creek	Receptor	6.71	390.7	1	-32.9	17.5
0021	0021_SW044	09 Apr 2024	Mary Creek	Pathway	4.6	209.6	7.2	157.6	19.5
0021	0021_SW045	09 Apr 2024	Mary Creek	Pathway	4.55	249.8	8.6	162.3	18.1
0021	0021_SW045	23 Oct 2024	Mary Creek	Pathway	6.25	355.7	5.19	175	14.9
0021	0021_SW048	10 Apr 2024	Mary Creek	Pathway	4.88	167.3	8.25	190.6	15.1
0021	0021_SW048	25 Oct 2024	Mary Creek	Pathway	5.28	249.5	3.09	710.5	17.9
0021	0021_SW051	23 Oct 2024	Mary Creek	Receptor	8.01	45,505	4.66	98.4	19
0021	0021_SW052	09 Apr 2024	Mary Creek	Receptor	7.51	23,213	7.54	39.4	16.8
0021	0021_SW052	23 Oct 2024	Mary Creek	Receptor	7.99	1,306	4.84	60.9	23.1
0021	0021_SW053	09 Apr 2024	Mary Creek	Pathway	4.89	149.2	7.64	103.6	16.9
0021	0021_SW053	23 Oct 2024	Mary Creek	Pathway	5.43	260.2	5.8	166.8	18.8
0021	0021_SW056	09 Apr 2024	Summercloud Creek	Receptor	6.52	13,023	10.81	18.4	17.3
0021	0021_SW056	23 Oct 2024	Summercloud Creek	Receptor	6.82	13,498	4.83	99.7	20.9
0021	0021_SW057	09 Apr 2024	Summercloud Creek	Pathway	4.07	149.7	10.21	97.8	16.9
0021	0021_SW057	23 Oct 2024	Summercloud Creek	Pathway	5.91	231.2	8.57	84.6	17
0021	0021_SW058	09 Apr 2024	Summercloud Creek	Pathway	3.55	147	10.02	217.4	15.3
0021	0021_SW058	24 Oct 2024	Summercloud Creek	Pathway	4.57	208.9	4	65.5	16
0021	0021_SW059	10 Apr 2024	Summercloud Creek	Pathway	6.59	246.4	8.42	15.7	23.7
0021	0021_SW060	10 Apr 2024	Telegraph Creek	Receptor	4.34	150.4	5.31	105.2	20.1
0021	0021_SW060	25 Oct 2024	Telegraph Creek	Receptor	6.45	128.1	10.56	77.7	13.9
0021	0021_SW062	08 Apr 2024	Telegraph Creek	Pathway	6.09	120.1	5.87	186	19.7
0021	0021_SW062	23 Oct 2024	Telegraph Creek	Pathway	5.06	137.9	7.69	228.1	16.1
0021	0021_SW064	08 Apr 2024	Telegraph Creek	Pathway	4.82	131	4.2	194.2	20.2
0021	0021_SW064	23 Oct 2024	Telegraph Creek	Pathway	4.98	130.2	3.13	217	14.8
0021	0021_SW068	10 Apr 2024	Telegraph Creek	Receptor	5.51	3,271	6.31	33.1	19.7
0021	0021_SW068	25 Oct 2024	Telegraph Creek	Receptor	6.58	3,200	6.28	113.1	16.5
0021	0021_SW069	10 Apr 2024	Telegraph Creek	Receptor	7	23,731	9.05	29.5	19.1
0021	0021_SW069	25 Oct 2024	Telegraph Creek	Receptor	6.63	7,401	8.91	123.3	15.1
0021	0021_SW076	10 Apr 2024	Clay Pools	Receptor	5.77	181.3	2.4	181.3	17.8
0021	0021_SW076	23 Oct 2024	Clay Pools	Receptor	5.75	272.2	3.07	128.6	20.8
0021	0021_SW077	10 Apr 2024	Clay Pools	Receptor	5.35	178.4	2.41	197.8	16.5
0021	0021_SW078	10 Apr 2024	Clay Pools	Receptor	5.83	185.3	5.08	185.8	16.2
0021	0021_SW078	23 Oct 2024	Clay Pools	Receptor	5.94	267.5	5.38	140.6	20
0021	0021_SW079	10 Apr 2024	Clay Pools	Receptor	5.42	234.5	5.16	187.6	15.7
0021	0021_SW079	23 Oct 2024	Clay Pools	Receptor	5.64	251.7	2.56	83.8	18.5
0021	0021_SW080	10 Apr 2024	Clay Pools	Receptor	5.54	176.8	9.17	182.4	16.9
0021	0021_SW080	23 Oct 2024	Clay Pools	Receptor	5.45	155.3	3.85	171.8	18.9
0021	0021_SW083	09 Apr 2024	Bherwerre Barrier	Receptor	6.38	347.6	4.98	51.4	16.3
0021	0021_SW083	25 Oct 2024	Bherwerre Barrier	Receptor	7.15	405.3	7.5	84.9	23.7
0021	0021_SW085	09 Apr 2024	Summercloud Creek	Receptor	7.73	44,340	6.81	29	17.7
0021	0021_SW085	23 Oct 2024	Summercloud Creek	Receptor	6.19	338.3	4.79	-7	18.7
0021	0021_SW110	10 Apr 2024	Mary Creek	Source	6.59	227.6	6.78	14.7	21.3
0021	0021_SW110	24 Oct 2024	Mary Creek	Source	8.27	411	10.35	79.4	17
0021	0021_SW112	10 Apr 2024	Mary Creek	Source	6.65	213.7	8.91	24.7	20.7
0021	0021_SW126	11 Apr 2024	Captains Lagoon	Pathway	7.14	192.3	5.84	-39.5	19.5
0021	0021_SW127	10 Apr 2024	Mary Creek	Source	6.33	193.3	6.91	67.8	20.8
0021	0021_SW130	11 Apr 2024	Mary Creek	Source	6.8	235	5.68	4	16.5
0021	0021_SW130	25 Oct 2024	Mary Creek	Source	6.13	360	6.85	159.6	20
0021	0021_SW153	10 Apr 2024	Mary Creek	Source	5.95	181.1	7.5	91.8	19.4
0021	0021_SW188	24 Oct 2024	Summercloud Creek	Receptor	6.77	838	8.81	80	16
0021	0021_SW211	23 Oct 2024	Mary Creek	Receptor	7.85	44,942	7.45	16.8	18.3

Groundwater gauging results 2024

Site	Location Code	TOC (mAHD)	Top Screen Depth (m bgl)	Bottom Screen Depth (m bgl)	Base Depth (m bgl)	Date Time	Water elevation (m AHD)	Water Level (mBTOC)
0020	0020_MW001	2.91		5.99	5.99	08 Apr 2024 10:11	0.794	2.116
0020	0020_MW007	2.68	0.75	3.75	3.75	08 Apr 2024 09:55	0.838	1.842
0020	0020_MW017	1.998	2	5	5	08 Apr 2024 10:28	0.898	1.1
0020	0020_MW017	1.998	2	5	5	21 Oct 2024 09:45	0.518	1.48
0020	0020_MW037	31.099	3	6	6	08 Apr 2024 11:22	26.953	4.146
0020	0020_MW037	31.099	3	6	6	22 Oct 2024 08:50	26.719	4.38
0020	0020_MW056	8.055	1.1	4.1	4.1	21 Oct 2024 03:29	4.175	3.88
0020	0020_MW057	6.05	0.8	3.8	3.8	21 Oct 2024 15:15	3.2	2.85
0020	0020_MW058	6.131	2	5	5	21 Oct 2024 11:14	1.601	4.53
0020	0020_MW059	10.065	1	3	3	21 Oct 2024 10:47	6.545	3.52
0020	0020_MW068	12.91	4.7	7.7	7.7	21 Oct 2024 10:02	8.1	4.81
0020	0020_MW102D	35.392	2.8	8.8	8.8	08 Apr 2024 08:16	33.427	1.965
0020	0020_MW102D	35.392	2.8	8.8	8.8	22 Oct 2024	32.607	2.785
0020	0020_MW102S	35.388	1	2	2	22 Oct 2024	32.863	2.525
0020	0020_MW104	47.422	4	10	10	08 Apr 2024 08:02	42.795	4.627
0020	0020_MW104	47.422	4	10	10	22 Oct 2024	42.462	4.96
0020	0020_MW105	52.044	6	12	12	08 Apr 2024 08:39	47.521	4.523
0020	0020_MW109	3.632	1	2	2	08 Apr 2024 10:58	2.53	1.102
0020	0020_MW109	3.632	1	2	2	21 Oct 2024 12:45	2.082	1.55
0020	0020_MW110	8.024	1	2	2	08 Apr 2024 13:06	6.737	1.287
0020	0020_MW110	8.024	1	2	2	21 Oct 2024	6.674	1.35
0020	0020_MW111	27.018	1	3	3	08 Apr 2024 11:43	25.732	1.286
0020	0020_MW111	27.018	1	3	3	22 Oct 2024 11:20	24.548	2.47
0020	0020_MW112	31.546	1	4	4	08 Apr 2024 11:07	28.279	3.267
0020	0020_MW112	31.546	1	4	4	21 Oct 2024 16:30	28.776	2.77
0020	0020_MW115	31.26	1.8	4.8	4.8	08 Apr 2024 11:23	27.44	3.82
0020	0020_MW115	31.26	1.8	4.8	4.8	22 Oct 2024 08:50	27.095	4.165
0021	0021_MW018	50.001	5	8	8	22 Oct 2024 15:22	47.311	2.69
0021	0021_MW020	62.15	5	8	8	23 Oct 2024 08:16	59.31	2.84
0021	0021_MW021	60.365	5	8	8	25 Oct 2024 14:38	58.075	2.29
0021	0021_MW022	67.159	3.8	6.8	6.8	08 Apr 2024 14:36	65.567	1.592
0021	0021_MW022	67.159	3.8	6.8	6.8	24 Oct 2024 16:22	64.274	2.885
0021	0021_MW024	80.537	6	9	9	08 Apr 2024 14:23	78.88	1.657
0021	0021_MW024	80.537	6	9	9	24 Oct 2024 15:55	77.957	2.58
0021	0021_MW025	60.769	2	5	5	12 Apr 2024 09:04	58.685	2.084
0021	0021_MW025	60.769	2	5	5	22 Oct 2024 15:43	57.929	2.84
0021	0021_MW026	60.795	4.75	7.75	7.75	12 Apr 2024 08:49	58.659	2.136
0021	0021_MW026	60.795	4.75	7.75	7.75	22 Oct 2024 15:21	57.935	2.86
0021	0021_MW028	57.816	3	6	6	12 Apr 2024 09:45	56.717	1.099
0021	0021_MW028	57.816	3	6	6	22 Oct 2024 13:30	56.346	1.47
0021	0021_MW030	52.959	6.8	9.8	9.8	10 Apr 2024 11:10	52.093	0.866
0021	0021_MW030	52.959	6.8	9.8	9.8	24 Oct 2024 09:56	51.229	1.73
0021	0021_MW060	56.46	0.7	3	3	25 Oct 2024 13:55	53.955	2.505
0021	0021_MW061	71.59	0.85	2.85	2.85	11 Apr 2024 08:40	71.012	0.578
0021	0021_MW061	71.59	0.85	2.85	2.85	24 Oct 2024 12:27	70.895	0.695
0021	0021_MW062	69.85	1	3	3	11 Apr 2024 09:30	68.597	1.253
0021	0021_MW062	69.85	1	3	3	24 Oct 2024 12:04	68.095	1.755
0021	0021_MW063	68.68	0.7	5	5	25 Oct 2024	67.37	1.31
0021	0021_MW064	68.26	0.7	5	5	25 Oct 2024 11:53	66.065	2.195
0021	0021_MW065	68.15	1	5	5	24 Oct 2024 14:00	65.605	2.545
0021	0021_MW070	55.07				25 Oct 2024 16:15	53.625	1.445
0021	0021_MW071	51.63				25 Oct 2024 15:35	50.54	1.09
0021	0021_MW072	52.19				25 Oct 2024 16:00	51.37	0.82
0021	0021_MW101	75.084	1	2	2	10 Apr 2024 14:15	74.872	0.212
0021	0021_MW101	75.084	1	2	2	24 Oct 2024 11:35	73.544	1.54
0021	0021_MW102	72.299	1	1.8	1.8	10 Apr 2024 13:54	71.319	0.98
0021	0021_MW102	72.299	1	1.8	1.8	24 Oct 2024 11:13	70.979	1.32
0021	0021_MW103	68.856	1	2	2	11 Apr 2024 08:51	68.121	0.735
0021	0021_MW103	68.856	1	2	2	25 Oct 2024	67.666	1.19
0021	0021_MW104	69.524	1	2	2	11 Apr 2024 09:32	68.492	1.032
0021	0021_MW104	69.524	1	2	2	24 Oct 2024 15:13	67.659	1.865
0021	0021_MW105	64.291	1	2	2	11 Apr 2024 10:02	62.651	1.64
0021	0021_MW105	64.291	1	2	2	22 Oct 2024 11:02	62.801	1.49
0021	0021_MW106	72.928	1	2.5	2.5	10 Apr 2024 14:35	72.302	0.626

Groundwater gauging results 2024

Site	Location Code	TOC (mAHD)	Top Screen Depth (m bgl)	Bottom Screen Depth (m bgl)	Base Depth (m bgl)	Date Time	Water elevation (m AHD)	Water Level (mBTOC)
0021	0021_MW106	72.928	1	2.5	2.5	24 Oct 2024 12:43	71.783	1.145
0021	0021_MW107	67.191	1	4	4	11 Apr 2024 09:51	66.342	0.849
0021	0021_MW107	67.191	1	4	4	24 Oct 2024 13:47	65.211	1.98
0021	0021_MW108	70.443	1	2.5	2.5	11 Apr 2024 10:40	69.374	1.069
0021	0021_MW109	74.47	1	4	4	10 Apr 2024 13:41	74.456	0.014
0021	0021_MW109	74.47	1	4	4	24 Oct 2024 13:20	72.92	1.55
0021	0021_MW110	60.049	1	2	2	10 Apr 2024 12:31	58.639	1.41
0021	0021_MW110	60.049	1	2	2	25 Oct 2024 16:42	58.084	1.965
0021	0021_MW111	61.117	1	2	2	10 Apr 2024 12:38	60.122	0.995
0021	0021_MW111	61.117	1	2	2	25 Oct 2024 13:31	59.297	1.82
0021	0021_MW112	62.949	1	2.5	2.5	08 Apr 2024 14:50	61.917	1.032
0021	0021_MW112	62.949	1	2.5	2.5	24 Oct 2024 16:39	60.564	2.385
0021	0021_MW113	52.785	1	2	2	10 Apr 2024 12:06	51.993	0.792
0021	0021_MW113	52.785	1	2	2	24 Oct 2024 16:14	50.635	2.15
0021	0021_MW114	12.325	4	7	7	09 Apr 2024 12:56	10.607	1.718
0021	0021_MW114	12.325	4	7	7	26 Oct 2024 14:58	12.115	0.21
0021	0021_MW115	5.007	1	4	4	11 Apr 2024 12:15	4.607	0.4
0021	0021_MW117	56.91	1	2	2	12 Apr 2024 10:39	56.66	0.25
0021	0021_MW117	56.91	1	2	2	22 Oct 2024 13:54	56.16	0.75
0021	0021_MW118	56.183	1	3	3	12 Apr 2024 10:29	56.033	0.15
0021	0021_MW118	56.183	1	3	3	22 Oct 2024 14:17	55.573	0.61
0021	0021_MW119	56.601	1	2	2	12 Apr 2024 09:59	56.224	0.377
0021	0021_MW119	56.601	1	2	2	22 Oct 2024 12:59	55.421	1.18
0021	0021_MW120	55.585	1	3	3	12 Apr 2024 09:53	55.102	0.483
0021	0021_MW120	55.585	1	3	3	22 Oct 2024 12:43	54.725	0.86
0021	0021_MW121	55.68	0.8	2.8	2.8	10 Apr 2024 10:40	55.56	0.12
0021	0021_MW121	55.68	0.8	2.8	2.8	24 Oct 2024 09:08	54.5	1.18
0021	0021_MW123	57.968	1	2.8	2.8	12 Apr 2024 09:31	57.158	0.81
0021	0021_MW123	57.968	1	2.8	2.8	22 Oct 2024 14:54	56.543	1.425
0021	0021_MW124	49.826	1	2.8	2.8	10 Apr 2024 11:53	48.933	0.893
0021	0021_MW124	49.826	1	2.8	2.8	22 Oct 2024	48.406	1.42
0021	0021_MW125	48.13	1	3	3	10 Apr 2024 09:28	46.695	1.435
0021	0021_MW125	48.13	1	3	3	26 Oct 2024 07:41	46.69	1.44
0021	0021_MW126	47.1	6	9	9	10 Apr 2024 09:18	46.287	0.813
0021	0021_MW126	47.1	6	9	9	26 Oct 2024	45.61	1.49
0021	0021_MW127	54.49	4	7	7	24 Oct 2024 09:32	52.5	1.99
0021	0021_MW128	57.051	2.3	5.3	5.3	10 Apr 2024 10:11	55.286	1.765
0021	0021_MW128	57.051	2.3	5.3	5.3	23 Oct 2024 08:56	54.511	2.54
0021	0021_MW129	47.694	26.1	30.6	30.6	09 Apr 2024 12:34	27.804	19.89
0021	0021_MW129	47.694	26.1	30.6	30.6	26 Oct 2024 10:12	29.914	17.78
0021	0021_MW130	56.255	26	35	35	09 Apr 2024 15:17	39.202	17.053
0021	0021_MW130	56.255	26	35	35	26 Oct 2024 13:24	48.965	7.29
0021	0021_MW131	4.767	4	7	7	09 Apr 2024 10:44	0.805	3.962
0021	0021_MW131	4.767	4	7	7	23 Oct 2024 14:29	1.257	3.51
0021	0021_MW132	26.593	5.5	11.5	11.5	09 Apr 2024 14:50	22.615	3.978
0021	0021_MW132	26.593	5.5	11.5	11.5	23 Oct 2024 10:57	22.063	4.53
0021	0021_MW133	34.361	4	10	10	09 Apr 2024 11:40	29.99	4.371
0021	0021_MW133	34.361	4	10	10	23 Oct 2024 13:51	29.621	4.74
0021	0021_MW134	59.307	4	7	7	24 Oct 2024 10:15	53.777	5.53
0021	0021_MW135	47.54	31.27	40.27	40.27	09 Apr 2024 08:45	36.176	11.364
0021	0021_MW135	47.54	31.27	40.27	40.27	26 Oct 2024 11:25	35.68	11.86
0021	0021_MW136	47.633	20.05	26.05	26.05	09 Apr 2024 09:04	42.145	5.488
0021	0021_MW136	47.633	20.05	26.05	26.05	26 Oct 2024 11:05	41.803	5.83
0021	0021_MW137	47.708	5.05	11.05	11.05	09 Apr 2024 08:55	42.296	5.412
0021	0021_MW137	47.708	5.05	11.05	11.05	26 Oct 2024 11:20	42.838	4.87
0021	0021_MW138	52.2	31.4	40.4	40.4	09 Apr 2024 13:52	45.938	6.262
0021	0021_MW138	52.2	31.4	40.4	40.4	26 Oct 2024 12:29	45.96	6.24
0021	0021_MW139	52.22	14.6	20.6	21	09 Apr 2024 13:37	48.216	4.004
0021	0021_MW139	52.22	14.6	20.6	21	26 Oct 2024 12:41	46.92	5.3
0021	0021_MW140	52.07	6	12	12	09 Apr 2024 13:59	49.865	2.205
0021	0021_MW140	52.07	6	12	12	26 Oct 2024 12:44	49.01	3.06
0021	0021_MW150	71.51	3	5	5	11 Apr 2024 09:13	71.485	0.025
0021	0021_MW150	71.51	3	5	5	25 Oct 2024 09:45	71.24	0.27
0021	0021_MW151	71.58	2	3	3	11 Apr 2024 09:14	71.555	0.025

Groundwater gauging results 2024

Site	Location Code	TOC (mAHD)	Top Screen Depth (m bgl)	Bottom Screen Depth (m bgl)	Base Depth (m bgl)	Date Time	Water elevation (m AHD)	Water Level (mBTOC)
0021	0021_MW151	71.58	2	3	3	25 Oct 2024	70.375	1.205
0021	0021_MW152	71.54	1	2	2	11 Apr 2024 09:18	71.04	0.5
0021	0021_MW152	71.54	1	2	2	25 Oct 2024 10:05	71.3	0.24
0021	0021_MW153	69.36	2.85	4.85	4.85	11 Apr 2024 08:39	68.85	0.51
0021	0021_MW153	69.36	2.85	4.85	4.85	25 Oct 2024 09:00	68.22	1.14
0021	0021_MW154	69.35	2	3	3	11 Apr 2024 08:42	68.76	0.59
0021	0021_MW154	69.35	2	3	3	25 Oct 2024 09:00	68.19	1.16
0021	0021_MW155	69.23	0.75	2	2	11 Apr 2024 08:43	68.901	0.329
0021	0021_MW155	69.23	0.75	2	2	25 Oct 2024	68.01	1.22
0021	0021_MW160	59.011	3	6	6	23 Oct 2024 08:40	56.131	2.88
0021	0021_MW163	53.015	0.9	2.9	2.9	23 Oct 2024 09:54	50.475	2.54
0021	0021_MW164	54.039	1	3	3	22 Oct 2024 16:08	53.359	0.68

	PFAS - Perfluoroalkyl Sulfonic Acids										
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0004	0.0005	0.001	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005
ADWG 2011 Health (v4.0 updated June 2025)	1				0.008				0.03		
PFAS NEMP 2025 Freshwater 95%					0.13						
PFAS NEMP 2025 Interim marine 95%					0.13						
PFAS NEMP 2025 Recreational water quality					2				2		

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR	Sample Type	Lab Report										
0021	0021_SW036	27 Jul 2017	LW_SW01	Lake Windermere	Lakes	Receptor	Normal	ES1718711	<0.0005	<0.0005	-	<0.0005	0.0008	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW036	25 Aug 2017	LW_SW01	Lake Windermere	Lakes	Receptor	Normal	ES1721233	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW036	14 May 2018	LW_SW01_180514	Lake Windermere	Lakes	Receptor	Normal	ES1814324	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW036	12 Feb 2019	LW_SW01_190212	Lake Windermere	Lakes	Receptor	Normal	ES1904669	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW036	18 Mar 2019	LW_SW01_190318	Lake Windermere	Lakes	Receptor	Normal	ES1908940	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW036	22 Oct 2021	0021_SW036_211022	Lake Windermere	Lakes	Receptor	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW036	05 Apr 2022	0021_SW036_220405	Lake Windermere	Lakes	Receptor	Normal	ES2212442	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	<0.0005	0.0029
0021	0021_SW036	10 Oct 2022	0021_SW036_221010	Lake Windermere	Lakes	Receptor	Normal	ES2237106	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW036	18 Apr 2023	0021_SW036_230418	Lake Windermere	Lakes	Receptor	Normal	ES2313364	<0.0005	<0.0005	-	<0.0005	0.0006	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW036	17 Oct 2023	0021_SW036_231017	Lake Windermere	Lakes	Receptor	Normal	ES2336399	<0.0005	<0.0005	-	<0.0005	0.0014	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW036	09 Apr 2024	0021_SW036_240409	Lake Windermere	Lakes	Receptor	Normal	ES2412012	<0.0005	<0.0005	-	<0.0005	0.0008	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW036	25 Oct 2024	0021_SW036_241025	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW036	04 Apr 2025	0021_SW036_250404	Lake Windermere	Lakes	Receptor	Normal	ES2510622	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	27 Jul 2017	LW_SW02	Lake Windermere	Lakes	Receptor	Normal	ES1718711	<0.0005	<0.0005	-	<0.0005	0.001	-	<0.0005	-	0.0006	<0.002
0021	0021_SW037	25 Aug 2017	LW_SW02	Lake Windermere	Lakes	Receptor	Normal	ES1721233	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW037	16 May 2018	LW_QC117_180516	Lake Windermere	Lakes	Receptor	Field_D	ES1814324	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW037	16 May 2018	LW_SW02_180516	Lake Windermere	Lakes	Receptor	Normal	ES1814324	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW037	12 Feb 2019	LW_QC109_190212	Lake Windermere	Lakes	Receptor	Field_D	ES1905115	<0.0005	<0.0005	-	<0.0005	0.0006	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	12 Feb 2019	LW_SW02_190212	Lake Windermere	Lakes	Receptor	Normal	ES1905115	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	18 Mar 2019	LW_QC109_190318	Lake Windermere	Lakes	Receptor	Field_D	ES1908940	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	18 Mar 2019	LW_QC201_190319	Lake Windermere	Lakes	Receptor	Interlab_D	647214	<0.001	<0.001	-	<0.001	<0.0001	-	<0.001	-	<0.001	<0.005
0021	0021_SW037	18 Mar 2019	LW_SW02_190318	Lake Windermere	Lakes	Receptor	Normal	ES1908940	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	22 Oct 2021	0021_SW037_211022	Lake Windermere	Lakes	Receptor	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW037	06 Apr 2022	0021_SW037_220406	Lake Windermere	Lakes	Receptor	Normal	ES2212442	<0.0005	<0.0005	-	<0.0005	0.0008	-	<0.0005	-	<0.0005	0.0033
0021	0021_SW037	10 Oct 2022	0021_SW037_221010	Lake Windermere	Lakes	Receptor	Normal	ES2237106	<0.0005	<0.0005	-	<0.0005	0.0017	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW037	18 Apr 2023	0021_SW037_230418	Lake Windermere	Lakes	Receptor	Normal	ES2313364	<0.0005	<0.0005	-	<0.0005	0.0006	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW037	17 Oct 2023	0021_SW037_231017	Lake Windermere	Lakes	Receptor	Normal	ES2336399	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW037	09 Apr 2024	0021_SW037_240409	Lake Windermere	Lakes	Receptor	Normal	ES2412012	<0.0005	<0.0005	-	<0.0005	0.0020	-	<0.0005	-	0.0044	<0.0020
0021	0021_SW037	25 Oct 2024	0021_SW037_241025	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	0.0007	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW037	07 Apr 2025	0021_SW037_250407	Lake Windermere	Lakes	Receptor	Normal	ES2510622	<0.0005	<0.0005	-	<0.0005	0.0007	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW038	27 Jul 2017	LW_SW03	Lake Windermere	Lakes	Receptor	Normal	ES1718711	<0.0005	<0.0005	-	<0.0005	0.0008	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW038	25 Aug 2017	LW_SW03	Lake Windermere	Lakes	Receptor	Normal	ES1721233	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW038	14 May 2018	LW_SW03_180514	Lake Windermere	Lakes	Receptor	Normal	ES1814324	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.02	<0.1
0021	0021_SW038	12 Feb 2019	LW_SW03_190212	Lake Windermere	Lakes	Receptor	Normal	ES1904669	<0.0005	<0.0005	-	<0.0005	0.0003	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW038	18 Mar 2019	LW_SW03_190318	Lake Windermere	Lakes	Receptor	Normal	ES1908940	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	0.0009	<0.002
0021	0021_SW038	22 Oct 2021	0021_SW038_211022	Lake Windermere	Lakes	Receptor	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020
0021	0021_SW038	26 Oct 2024	0021_SW038_241026	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW040	06 Apr 2018	LW_SW05_180406	Lake Windermere	Lakes	Receptor	Normal	ES1810551	<0.0005	<0.0005	-	<0.0005	0.0007	-	<0.0005	-	0.0006	<0.002
0021	0021_SW040	11 Feb 2019	LW_QC103_190211	Lake Windermere	Lakes	Receptor	Field_D	ES1904669	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW040	12 Feb 2019	LW_SW05_190212	Lake Windermere	Lakes	Receptor	Normal	ES1905115	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW040	18 Mar 2019	LW_SW05_190318	Lake Windermere	Lakes	Receptor	Normal	ES1908940	<0.0005	<0.0005	-	<0.0005	0.0017	-	<0.0005	-	0.0007	<0.002
0021	0021_SW040	18 Apr 2023	0021_SW040_230418	Lake Windermere	Lakes	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1
0021	0021_SW040	17 Oct 2023	0021_SW040_231017	Lake Windermere	Lakes	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1
0021	0021_SW040	09 Apr 2024	0021_SW040_240409	Lake Windermere	Lakes	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1
0021	0021_SW040	25 Oct 2024	0021_QC115_241025	Lake Windermere	Lakes	Receptor	Field_D	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1
0021	0021_SW040	25 Oct 2024	0021_QC215_241025	Lake Windermere	Lakes	Receptor	Interlab_D	1156146	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.01	<0.05
0021	0021_SW040	25 Oct 2024	0021_SW040_241025	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	0.0009	-	<0.0005	-	<0.0005	<0.002
0021	0021_SW040	04 Apr 2025	0021_SW040_250404	Lake Windermere	Lakes	Receptor	Normal	ES2510622	<0.0005	<0.0005	-	<0.0005	0.0007	-	<0.0005	-	<0.0005	<0.002

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR														
0021	0021_SW036	27 Jul 2017	LW_SW01	Lake Windermere	Lakes	Receptor	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001
0021	0021_SW036	25 Aug 2017	LW_SW01	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW036	14 May 2018	LW_SW01_180514	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW036	12 Feb 2019	LW_SW01_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	18 Mar 2019	LW_SW01_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	22 Oct 2021	0021_SW036_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0015	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	05 Apr 2022	0021_SW036_220405	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	10 Oct 2022	0021_SW036_221010	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0048	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	18 Apr 2023	0021_SW036_230418	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	17 Oct 2023	0021_SW036_231017	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	09 Apr 2024	0021_SW036_240409	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	25 Oct 2024	0021_SW036_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW036	04 Apr 2025	0021_SW036_250404	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	27 Jul 2017	LW_SW02	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	25 Aug 2017	LW_SW02	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW037	16 May 2018	LW_QC117_180516	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW037	16 May 2018	LW_SW02_180516	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW037	12 Feb 2019	LW_QC109_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	12 Feb 2019	LW_SW02_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	18 Mar 2019	LW_QC109_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	18 Mar 2019	LW_QC201_190319	Lake Windermere	Lakes	Receptor	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	<0.005	<0.005	<0.005	<0.005
0021	0021_SW037	18 Mar 2019	LW_SW02_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	22 Oct 2021	0021_SW037_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	06 Apr 2022	0021_SW037_220406	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	10 Oct 2022	0021_SW037_221010	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0051	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	18 Apr 2023	0021_SW037_230418	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	17 Oct 2023	0021_SW037_231017	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	09 Apr 2024	0021_SW037_240409	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	0.0010	<0.0005	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	25 Oct 2024	0021_SW037_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW037	07 Apr 2025	0021_SW037_250407	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW038	27 Jul 2017	LW_SW03	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW038	25 Aug 2017	LW_SW03	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW038	14 May 2018	LW_SW03_180514	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW038	12 Feb 2019	LW_SW03_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW038	18 Mar 2019	LW_SW03_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW038	22 Oct 2021	0021_SW038_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW038	26 Oct 2024	0021_SW038_241026	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	06 Apr 2018	LW_SW05_180406	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	11 Feb 2019	LW_QC103_190211	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	12 Feb 2019	LW_SW05_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	18 Mar 2019	LW_SW05_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	18 Apr 2023	0021_SW040_230418	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW040	17 Oct 2023	0021_SW040_231017	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW040	09 Apr 2024	0021_SW040_240409	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW040	25 Oct 2024	0021_QC115_241025	Lake Windermere	Lakes	Receptor	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	-	<0.05	<0.02	<0.05	<0.05
0021	0021_SW040	25 Oct 2024	0021_QC215_241025	Lake Windermere	Lakes	Receptor	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.05	<0.05	<0.05	<0.05
0021	0021_SW040	25 Oct 2024	0021_SW040_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001
0021	0021_SW040	04 Apr 2025	0021_SW040_250404	Lake Windermere	Lakes	Receptor	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.001	<0.0005	<0.001	<0.001

EQL	alkyl Sulfonamide				PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (PFOSA)	2-(N-methylperfluoro-1- octane sulfonamido)- ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + 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	µg/L
	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
ADWG 2011 Health (v4.0 updated June 2025)													
PFAS NEMP 2025 Freshwater 95%													
PFAS NEMP 2025 Interim marine 95%													
PFAS NEMP 2025 Recreational water quality												2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR												
0021	0021_SW036	27 Jul 2017	LW_SW01	Lake Windermere	Lakes	Receptor	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	0.0008	0.0008	-	0.0008	-
0021	0021_SW036	25 Aug 2017	LW_SW01	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW036	14 May 2018	LW_SW01_180514	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW036	12 Feb 2019	LW_SW01_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021_SW036	18 Mar 2019	LW_SW01_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021_SW036	22 Oct 2021	0021_SW036_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0015	0.0015	-	<0.0002	-
0021	0021_SW036	05 Apr 2022	0021_SW036_220405	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0034	0.0034	-	0.0005	-
0021	0021_SW036	10 Oct 2022	0021_SW036_221010	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0053	0.0053	-	0.0005	-
0021	0021_SW036	18 Apr 2023	0021_SW036_230418	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021_SW036	17 Oct 2023	0021_SW036_231017	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0014	0.0014	-	0.0014	-
0021	0021_SW036	09 Apr 2024	0021_SW036_240409	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0008	0.0008	-	0.0008	-
0021	0021_SW036	25 Oct 2024	0021_SW036_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0005	0.0005	-	0.0005	-
0021	0021_SW036	04 Apr 2025	0021_SW036_250404	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0009	0.0009	-	0.0009	-
0021	0021_SW037	27 Jul 2017	LW_SW02	Lake Windermere	Lakes	Receptor	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	0.0016	0.0016	-	0.0016	-
0021	0021_SW037	25 Aug 2017	LW_SW02	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW037	16 May 2018	LW_QC117_180516	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW037	16 May 2018	LW_SW02_180516	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW037	12 Feb 2019	LW_QC109_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021_SW037	12 Feb 2019	LW_SW02_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0009	0.0009	-	0.0009	-
0021	0021_SW037	18 Mar 2019	LW_QC109_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021_SW037	18 Mar 2019	LW_QC201_190319	Lake Windermere	Lakes	Receptor	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001
0021	0021_SW037	18 Mar 2019	LW_SW02_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.0003	<0.0003	-	<0.0003	-
0021	0021_SW037	22 Oct 2021	0021_SW037_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.0002	<0.0002	-	<0.0002	-
0021	0021_SW037	06 Apr 2022	0021_SW037_220406	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0041	0.0041	-	0.0008	-
0021	0021_SW037	10 Oct 2022	0021_SW037_221010	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0068	0.0068	-	0.0017	-
0021	0021_SW037	18 Apr 2023	0021_SW037_230418	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021_SW037	17 Oct 2023	0021_SW037_231017	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021_SW037	09 Apr 2024	0021_SW037_240409	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0083	0.0083	-	0.0064	-
0021	0021_SW037	25 Oct 2024	0021_SW037_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0007	0.0007	-	0.0007	-
0021	0021_SW037	07 Apr 2025	0021_SW037_250407	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0007	0.0007	-	0.0007	-
0021	0021_SW038	27 Jul 2017	LW_SW03	Lake Windermere	Lakes	Receptor	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	0.0008	0.0008	-	0.0008	-
0021	0021_SW038	25 Aug 2017	LW_SW03	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW038	14 May 2018	LW_SW03_180514	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW038	12 Feb 2019	LW_SW03_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0003	0.0003	-	0.0003	-
0021	0021_SW038	18 Mar 2019	LW_SW03_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0018	0.0018	-	0.0018	-
0021	0021_SW038	22 Oct 2021	0021_SW038_211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.0002	<0.0002	-	<0.0002	-
0021	0021_SW038	26 Oct 2024	0021_SW038_241026	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0009	0.0009	-	0.0009	-
0021	0021_SW040	06 Apr 2018	LW_SW05_180406	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0013	0.0013	-	0.0013	-
0021	0021_SW040	11 Feb 2019	LW_QC103_190211	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0009	0.0009	-	0.0009	-
0021	0021_SW040	12 Feb 2019	LW_SW05_190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021_SW040	18 Mar 2019	LW_SW05_190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0024	0.0024	-	0.0024	-
0021	0021_SW040	18 Apr 2023	0021_SW040_230418	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW040	17 Oct 2023	0021_SW040_231017	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW040	09 Apr 2024	0021_SW040_240409	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW040	25 Oct 2024	0021_QC115_241025	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021_SW040	25 Oct 2024	0021_QC215_241025	Lake Windermere	Lakes	Receptor	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.1	<0.05	<0.01	<0.01	<0.01
0021	0021_SW040	25 Oct 2024	0021_SW040_241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0009	0.0009	-	0.0009	-
0021	0021_SW040	04 Apr 2025	0021_SW040_250404	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	0.0007	0.0007	-	0.0007	-

SPR																														
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																						
0020	0020	MW001	08 May 2017	0020	MW001	220412	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES1711220	0.0032	<0.0005	-	0.0026	0.0526	-	0.0033	-	0.0309	<0.002	<0.0005	<0.0005	<0.0005	0.0019	<0.0005	0.0012	0.0006	<0.0005	<0.0005
0020	0020	MW001	12 Apr 2022	0020	MW001	220412	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2213152	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW001	10 Oct 2022	0020	MW001	221010	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2236866	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW001	30 Jan 2023	0020	QC201	230131	HMAS Creswell	Flatrock Creek	Pathway	Interlab D	961653	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	-	0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
0020	0020	MW001	31 Jan 2023	0020	MW001	230131	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2303447	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	11 Apr 2018	0020	MW007	180411	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES1810721	0.0096	<0.0005	-	0.0055	0.118	-	0.0107	-	0.136	<0.002	<0.0005	<0.0005	0.0069	0.0156	0.0013	0.0096	0.0083	<0.0005	<0.0005
0020	0020	MW007	15 Oct 2021	0020	MW007	211015	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2138638	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	15 Oct 2021	0020	QC100	211015	HMAS Creswell	Flatrock Creek	Pathway	Field D	ES2138638	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	04 Apr 2022	0020	MW007	220404	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	10 Oct 2022	0020	MW007	221010	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2237104	0.02	<0.02	-	<0.02	0.31	-	<0.02	-	0.28	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.01	<0.02	<0.05	<0.02
0020	0020	MW007	31 Jan 2023	0020	MW007	230131	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2303447	0.03	<0.02	-	<0.02	0.20	-	0.03	-	0.24	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	17 Apr 2023	0020	MW007	230417	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2313254	0.04	<0.02	-	0.02	0.30	-	0.06	-	0.35	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	0.01	<0.02	<0.05	<0.02
0020	0020	MW007	16 Oct 2023	0020	MW007	231016	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW007	08 Apr 2024	0020	MW007	240408	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2411964	0.03	<0.02	-	<0.02	0.11	-	<0.02	-	0.14	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW008	12 Apr 2022	0020	MW008	220412	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2213152	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW008	10 Oct 2022	0020	MW008	221010	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2236866	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020	MW012	17 Apr 2023	0020	MW012	230417	HMAS Creswell	Captains Lagoon	Pathway	Normal	ES2313254	0.04	<0.02	-	0.12	5.86	-	0.13	-	2.14	<0.1	<0.02	<0.02	0.05	0.23	0.02	0.13	0.07	<0.05	<0.02
0020	0020	MW012	16 Oct 2023	0020	MW012	231016	HMAS Creswell	Captains Lagoon	Pathway	Normal	ES2336397	0.03	<0.02	-	0.07	4.64	-	0.06	-	0.98	<0.1	<0.02	<0.02	0.02	0.14	<0.02	0.08	0.03	<0.05	<0.02
0020	0020	MW012	08 Apr 2024	0020	MW012	240408	HMAS Creswell	Captains Lagoon	Pathway	Normal	ES2411964	0.05	<0.02	-	0.08	7.22	-	0.09	-	1.26	<0.1	<0.02	<0.02	0.03	0.12	<0.02	0.07	0.02	<0.05	<0.02
0020	0020	MW012	08 Apr 2024	0020	QC101	240408	HMAS Creswell	Captains Lagoon	Pathway	Field D	ES2411964	0.05	<0.02	-	0.10	7.18	-	0.08	-	1.43	<0.1	<0.02	<0.02	0.03	0.14	<0.02	0.06	0.03	<0.05	<0.02
0020	0020	MW012	08 Apr 2024	0020	QC201	240408	HMAS Creswell	Captains Lagoon	Pathway	Interlab D	348827	0.06	<0.02	-	0.08	6.5	-	0.08	-	1.3	<0.02	<0.02	<0.05	0.02	0.15	<0.01	0.07	0.02	<0.5	<0.1
0020	0020	MW012	21 Oct 2024	0020	MW012	241021	HMAS Creswell	Captains Lagoon	Pathway	Normal	ES2435143	0.03	<0.02	-	0.12	3.96	-	0.08	-	1.75	<0.1	<0.02	<0.02	0.04	0.17	<0.02	0.11	0.03	<0.05	<0.02
0020	0020	MW012	21 Oct 2024	0020	QC100	241021	HMAS Creswell	Captains Lagoon	Pathway	Field D	ES2435143	0.03	<0.02	-	0.12	3.65	-	0.07	-	1.47	<0.1	<0.02	<0.02	0.03	0.16	<0.02	0.10	0.03	<0.05	<0.02
0020	0020	MW012	21 Oct 2024	0020	QC200	241021	HMAS Creswell	Captains Lagoon	Pathway	Interlab D	1154740	0.04	<0.01	0.02	0.13	6.0	<0.01	0.07	-	1.7	<0.05	<0.01	<0.01	0.03	0.17	<0.01	0.11	0.04	<0.01	<0.01
0020	0020	MW012A	10 Apr 2018	0020	MW12	180410	AEC G	Captains Lagoon	Pathway	Normal	ES1810721	0.0508	<0.0005	-	0.149	3.93	-	0.138	-	1.30	<0.002	0.0011	<0.0005	0.0264	0.189	0.0059	0.0627	0.0256	<0.0005	<0.0005
0020	0020	MW012A	03 May 2018	0020	MW12	180503	AEC G	Captains Lagoon	Pathway	Normal	ES1812871	0.05	<0.02	-	0.06	4.00	-	0.09	-	1.30	<0.1	<0.02	<0.02	0.03	0.19	<0.02	0.06	0.02	<0.05	<0.02
0020	0020	MW012A	15 Oct 2021	0020	MW012	211015	AEC G	Captains Lagoon	Pathway	Normal	ES2138638	0.07	<0.02	-	0.08	4.30	-	0.11	-	1.54	<0.1	<0.02	<0.02	0.03	0.16	<0.02	0.07	0.03	<0.05	<0.02
0020	0020	MW012A	04 Apr 2022	0020	MW012	220404	AEC G	Captains Lagoon	Pathway	Normal	ES2212597	0.02	<0.02	-	0.04	3.46	-	0.02	-	0.63	<0.1	<0.02	<0.02	0.03	0.15	<0.02	0.07	0.08	<0.05	<0.02
0020	0020	MW012A	10 Oct 2022	0020	MW012	221010	AEC G	Captains Lagoon	Pathway	Normal	ES2237104	0.04	<0.02	-	0.08	4.04	-	0.05	-	1.07	<0.1	<0.02	<0.02	0.03	0.19	<0.02	0.09	0.06	<0.05	<0.02
0020	0020	MW012A	30 Jan 2023	0020	MW012A	230130	AEC G	Captains Lagoon	Pathway	Normal	ES2303447	0.04	<0.02	-	0.11	5.56	-	0.07	-	1.41	<0.1	<0.02	<0.02	0.03	0.20	<0.02	0.11	0.06	<0.05	<0.02
0020	0020	MW017	01 May 2017	MW017			HMAS Creswell	Flatrock Creek	Pathway	Normal	ES1710866	0.0488	0.0078	-	0.0878	1.04	-	0.0676	-	0.530	<0.002	<0.0005	<0.0005	0.0166	0.0621	0.0012	0.0328	0.0144	<0.0005	<0.0005
0020	0020	MW017	15 Oct 2021	0020	MW017	211015	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2138638	0.03	<0.02	-	0.03	0.72	-	0.03	-	0.37	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020	MW017	04 Apr 2022	0020	MW017	220404	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2212597	0.03	<0.02	-	0.04	0.87	-	0.03	-	0.41	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020	MW017	11 Oct 2022	0020	MW017	221011	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2237104	<0.02	<0.02	-	<0.02	0.78	-	<0.02	-	0.21	<0.1	<0.02	<0.02	0.02	0.05	<0.02	0.03	<0.02	<0.05	<0.02
0020	0020	MW017	01 Feb 2023	0020	MW017	230201	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2303447	0.02	<0.02	-	0.04	0.98	-	0.03	-	0.42	<0.1	<0.02	<0.02	0.03	0.10	<0.02	0.03	0.04	<0.05	<0.02
0020	0020	MW017	17 Apr 2023	0020	MW017	230417	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2313254	0.02	<0.02	-	0.04	1.33	-	0.04	-	0.50	<0.1	<0.02	<0.02	0.04	0.11	<0.02	0.04	0.04	<0.05	<0.02
0020	0020	MW017	17 Apr 2023	0020	QC104	230417	HMAS Creswell	Flatrock Creek	Pathway	Field D	ES2313254	0.02	<0.02	-	0.04	1.12	-	0.02	-	0.41	<0.1	<0.02	<0.02	0.03	0.08	<0.02	0.03	0.03	<0.05	<0.02
0020	0020	MW017	17 Apr 2023	0020	QC204	230417	HMAS Creswell	Flatrock Creek	Pathway	Interlab D	321518	0.02	<0.02	-	0.03	0.94	-	0.03	-	0.41	<0.02	<0.02	<0.05	0.02	0.09	<0.01	0.03	0.04	<0.5	<0.1
0020	0020	MW017	16 Oct 2023	0020	MW017	231016	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.64	-	<0.02	-	0.22	<0.1	<0.02	<0.02	0.02	0.07	<0.02	0.02	0.02	<0.05	<0.02
0020	0020	MW017	08 Apr 2024	0020	MW017	240408	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2411964	<0.02	<0.02	-	0.03	1.03	-	0.02	-	0.32	<0.1	<0.02	<0.02	0.02	0.05	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020	MW017	21 Oct 2024	0020	MW017	241021	HMAS Creswell	Flatrock Creek	Pathway	Normal	ES2435143	<0.02	<0.02	-	0.05	0.79	-	0.02	-	0.69	<0.1	<0.02	<0.02	0.03	0.07	<0.02	0.05	0.03	<0.05	<0.02
0020	0020	MW037	01 May 2017	MW037			AEC F	Flatrock Creek	Source	Normal	ES1710866	0.369	<0.00																	

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids										
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDaA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220				
PFAS NEMP 3.0 2020 Recreational Water					2				2							10				

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0020	0020 MW102D	04 Apr 2022	0020 MW102 220404	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2212597	0.06	<0.02	-	<0.02	0.14	-	0.04	-	0.30	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	10 Oct 2022	0020 MW102 221010	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2237104	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.17	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	10 Oct 2022	0020 QC201 221010	Captains Lagoon	Captains Lagoon	Pathway	Interlab D	308190	0.02	<0.02	-	<0.01	0.15	-	0.02	-	0.18	<0.02	<0.02	<0.05	<0.01	0.02	<0.01	<0.01	<0.02	<0.5	<0.1
0020	0020 MW102D	17 Apr 2023	0020 MW102D 230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2313254	0.03	<0.02	-	<0.02	0.27	-	0.03	-	0.22	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	16 Oct 2023	0020 MW102D 231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.11	-	<0.02	-	0.14	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	16 Oct 2023	0020 QC100 231016	Captains Lagoon	Captains Lagoon	Pathway	Field D	ES2336397	<0.02	<0.02	-	<0.02	0.14	-	<0.02	-	0.17	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	16 Oct 2023	0020 QC200 231016	Captains Lagoon	Captains Lagoon	Pathway	Interlab D	335710	0.02	<0.02	-	<0.01	0.11	-	0.03	-	0.18	<0.02	<0.02	<0.05	<0.01	0.03	<0.01	<0.01	<0.02	<0.5	<0.1
0020	0020 MW102D	08 Apr 2024	0020 MW102D 240408	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2411964	0.02	<0.02	-	0.06	1.16	-	0.02	-	0.43	<0.1	<0.02	<0.02	0.02	0.15	<0.02	0.02	0.05	<0.05	<0.02
0020	0020 MW102D	22 Oct 2024	0020 MW102D 241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435143	0.02	<0.02	-	<0.02	0.12	-	0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW102D	22 Oct 2024	0020 QC253 241022	Captains Lagoon	Captains Lagoon	Pathway	Interlab D	1154740	0.03	<0.01	<0.01	<0.01	0.16	0.01	0.03	-	0.23	<0.05	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01
0020	0020 MW102S	22 Oct 2024	0020 MW102S 241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435143	<0.02	<0.02	-	<0.02	0.09	-	<0.02	-	0.16	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW104	10 Apr 2018	CL MW04 180410	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1810721	<0.0005	<0.0005	-	<0.0005	<0.0003	-	0.0008	-	0.0062	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0020	0020 MW104	22 Oct 2024	0020 MW104 241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435143	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW104	22 Oct 2024	0020 QC153 241022	Captains Lagoon	Captains Lagoon	Pathway	Field D	ES2435143	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	10 Apr 2018	CL MW05 180410	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1810721	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0020	0020 MW105	15 Oct 2021	0020 MW105 211015	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2138638	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	04 Apr 2022	0020 MW105 220404	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2212597	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	10 Oct 2022	0020 MW105 221010	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2237104	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	17 Apr 2023	0020 MW105 230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2313254	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	16 Oct 2023	0020 MW105 231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2336397	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW105	08 Apr 2024	0020 MW105 240408	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2411964	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 MW108	01 May 2017	E MW03	AEC E	Flatrock Creek	Pathway	Normal	ES1710866	0.0131	<0.0005	-	0.0132	0.0747	-	0.0151	-	0.161	<0.002	<0.0005	<0.0005	0.0011	0.0107	<0.0005	0.0033	0.0018	<0.0005	<0.0005
0020	0020 MW108	13 Apr 2022	0020 MW108 220413	AEC E	Flatrock Creek	Pathway	Normal	ES2213152	0.04	<0.02	-	0.07	1.02	-	0.04	-	0.64	0.2	<0.02	<0.02	0.06	0.62	<0.02	0.06	0.28	<0.05	<0.02
0020	0020 MW108	10 Oct 2022	0020 MW108 221010	AEC E	Flatrock Creek	Pathway	Normal	ES2236866	0.03	<0.02	-	<0.02	0.93	-	0.03	-	0.57	<0.1	<0.02	<0.02	<0.02	0.16	<0.02	0.03	0.04	<0.05	<0.02
0020	0020 MW108	10 Oct 2022	0020 QC100 221010	AEC E	Flatrock Creek	Pathway	Field D	ES2236866	0.02	<0.02	-	<0.02	0.82	-	0.03	-	0.52	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	0.03	0.04	<0.05	<0.02
0020	0020 MW108	10 Oct 2022	0020 QC200 221010	AEC E	Flatrock Creek	Pathway	Interlab D	931497	0.02	<0.01	-	0.03	0.87 ^{†1}	<0.01	0.03 ^{†1}	<0.01	0.53 ^{†1}	<0.05	<0.01	<0.01	0.02 ^{†1}	0.13 ^{†1}	<0.01	0.03 ^{†1}	0.04 ^{†1}	<0.01	<0.01
0020	0020 MW108	31 Jan 2023	0020 MW108 230131	AEC E	Flatrock Creek	Pathway	Normal	ES2303447	0.02	<0.02	-	0.02	1.24	-	0.02	-	0.36	<0.1	<0.02	<0.02	0.02	0.11	<0.02	0.04	0.04	<0.05	<0.02
0020	0020 MW109	01 May 2017	E MW04	AEC E	Flatrock Creek	Pathway	Normal	ES1710866	0.0087	<0.0005	-	0.0231	0.228	-	0.0121	-	0.146	<0.002	<0.0005	<0.0005	0.0021	0.0192	<0.0005	0.0057	0.0037	<0.0005	<0.0005
0020	0020 MW109	03 May 2018	E MW04 180503	AEC E	Flatrock Creek	Pathway	Normal	ES1812871	0.04	<0.02	-	0.06	4.46	-	0.08	-	1.30	<0.1	<0.02	<0.02	0.02	0.18	<0.02	0.06	0.03	<0.05	<0.02
0020	0020 MW109	15 Oct 2021	0020 MW109 211015	AEC E	Flatrock Creek	Pathway	Normal	ES2138638	0.03	<0.02	-	0.05	0.62	-	0.03	-	0.48	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.01	<0.02	<0.05	<0.02
0020	0020 MW109	04 Apr 2022	0020 MW109 220404	AEC E	Flatrock Creek	Pathway	Normal	ES2212597	0.02	<0.02	-	0.03	0.53	-	<0.02	-	0.30	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.02	0.02	<0.05	<0.02
0020	0020 MW109	04 Apr 2022	0020 QC100 220404	AEC E	Flatrock Creek	Pathway	Field D	ES2212597	<0.02	<0.02	-	0.03	0.51	-	<0.02	-	0.30	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.02	0.02	<0.05	<0.02
0020	0020 MW109	04 Apr 2022	0020 QC200 220404	AEC E	Flatrock Creek	Pathway	Interlab D	293030	0.02	<0.02	-	0.03	0.62	-	0.02	-	0.32	0.03	<0.02	<0.05	0.01	0.11	<0.01	0.02	0.02</		

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
EQL	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																													
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																					
0020	0020 SW004	04 Apr 2022	0020 SW004 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.23	-	<0.02	-	0.21	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	07 Jul 2022	0020 SW004 220101	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2224472	<0.02	<0.02	-	<0.02	0.24	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	11 Oct 2022	0020 SW004 221011	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2237104	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	30 Jan 2023	0020 SW004 230130	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2303447	<0.02	<0.02	-	<0.02	0.89	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	17 Apr 2023	0020 SW004 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2313254	<0.02	<0.02	-	<0.02	0.15	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	16 Oct 2023	0020 SW004 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.27	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	08 Apr 2024	0020 SW004 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2411964	<0.02	<0.02	-	<0.02	0.25	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW004	25 Oct 2024	0020 SW004 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2435539	<0.02	<0.02	-	<0.02	0.22	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	18 Apr 2017	CL SW02	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1709535	0.0135	<0.0005	-	0.003	1.64	-	0.0172	-	0.289	<0.002	0.0009	<0.0005	0.0018	0.0104	0.0006	0.0047	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020 SW005	01 May 2018	CL SW02 180501	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1812871	0.0241	<0.0005	-	0.0115	0.300	-	0.0281	-	0.340	<0.002	<0.0005	<0.0005	0.0094	0.0545	0.0007	0.0133	0.0192	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020 SW005	18 Oct 2021	0020 SW005 211018	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2138638	0.03	<0.02	-	<0.02	0.20	-	<0.02	-	0.19	<0.1	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	04 Apr 2022	0020 SW005 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.62	-	<0.02	-	0.33	<0.1	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	11 Oct 2022	0020 SW005 221011	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2237104	0.02	<0.02	-	<0.02	0.81	-	<0.02	-	0.17	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	0.02	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	17 Apr 2023	0020 SW005 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2313254	0.03	<0.02	-	0.05	2.07	-	0.04	-	0.87	0.2	<0.02	<0.02	<0.02	0.02	0.12	<0.02	0.06	0.04	<0.05	<0.02	<0.02
0020	0020 SW005	16 Oct 2023	0020 SW005 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.26	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	08 Apr 2024	0020 SW005 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2411964	<0.02	<0.02	-	<0.02	0.33	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW005	25 Oct 2024	0020 SW005 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2435539	<0.02	<0.02	-	<0.02	0.18	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	18 Apr 2017	CL SW07	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1709535	0.0122	<0.0005	-	0.0025	0.15	-	0.0153	-	0.173	<0.002	<0.0005	<0.0005	0.0015	0.0092	<0.0005	0.0027	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020 SW010	01 May 2018	CL QC221 180501	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	597346	0.03 ⁷¹	<0.01	-	<0.01 ⁷¹	0.28 ⁷¹	-	0.02 ⁷¹	-	0.30 ⁷¹	<0.05	<0.01	<0.01	<0.01 ⁷¹	0.05 ⁷¹	<0.01	0.01 ⁷¹	0.02 ⁷¹	<0.01	<0.01	<0.01	<0.01
0020	0020 SW010	01 May 2018	CL SW07 180501	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1812871	0.0261	<0.0005	-	0.0116	0.218	-	0.0276	-	0.269	<0.002	<0.0005	<0.0005	0.0094	0.0540	0.0009	0.0142	0.0182	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020 SW010	18 Oct 2021	0020 SW010 211018	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2138638	<0.02	<0.02	-	<0.02	0.17	-	<0.02	-	0.21	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	04 Apr 2022	0020 SW010 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.21	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	07 Jul 2022	0020 SW010 220101	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2224472	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	10 Oct 2022	0020 SW010 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2236866	<0.02	<0.02	-	<0.02	0.22	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	12 Oct 2022	0020 SW010 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2237104	0.03	<0.02	-	<0.02	0.14	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	30 Jan 2023	0020 QC120 230130	Captains Lagoon	Captains Lagoon	Receptor	Field D	ES2303447	<0.02	<0.02	-	<0.02	0.14	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	30 Jan 2023	0020 SW010 230130	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2303447	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	17 Apr 2023	0020 SW010 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2313254	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.07	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	16 Oct 2023	0020 SW010 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2336397	<0.02	<0.02	-	<0.02	1.16	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02
0020	0020 SW010	08 Apr 2024	0020 SW010 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2411964	<0.02	<0.02	-	<0.02																	

				PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
				Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
EQI	PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems	PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system	PFAS NEMP 3.0 2020 Recreational Water	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
								0.13											220			
								0.13											220			
								2				2							10			

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0020	0020 SW022	10 Oct 2022	0020 SW022 221010	AEC F	Flatrock Creek	Pathway	Normal	ES2237104	0.06	<0.02	-	0.07	3.21	-	0.05	-	0.74	<0.1	<0.02	<0.02	0.03	0.16	<0.02	0.07	0.06	<0.05	<0.02
0020	0020 SW022	17 Apr 2023	0020 QC102 230417	AEC F	Flatrock Creek	Pathway	Field D	ES2313254	0.11	<0.02	-	0.06	3.89	-	0.16	-	1.51	<0.1	<0.02	<0.02	0.04	0.25	<0.02	0.06	0.08	<0.05	<0.02
0020	0020 SW022	17 Apr 2023	0020 QC202 230417	AEC F	Flatrock Creek	Pathway	Interlab D	321518	0.10	<0.02	-	0.06	3.6	-	0.16	-	1.6	0.04	<0.02	<0.05	0.03	0.22	<0.01	0.06	0.08	<0.5	<0.1
0020	0020 SW022	18 Apr 2023	0020 SW022 230417	AEC F	Flatrock Creek	Pathway	Normal	ES2313254	0.13	<0.02	-	0.07	3.91	-	0.16	-	1.52	<0.1	<0.02	<0.02	0.04	0.25	<0.02	0.07	0.08	<0.05	<0.02
0020	0020 SW022	08 Apr 2024	0020 SW022 240408	AEC F	Flatrock Creek	Pathway	Normal	ES2411964	0.08	<0.02	-	0.03	1.92	-	0.10	-	0.99	<0.1	<0.02	<0.02	0.02	0.11	<0.02	0.04	0.03	<0.05	<0.02
0020	0020 SW023	10 Apr 2017	F SW02	AEC F	Flatrock Creek	Pathway	Normal	ES1708884	0.0594	<0.0005	-	0.0404	0.429	-	0.142	-	0.537	<0.002	0.0081	0.0015	0.0547	0.156	0.0079	0.0414	0.134	<0.0005	<0.0005
0020	0020 SW023	19 Oct 2021	0020 SW023 211019	AEC F	Flatrock Creek	Pathway	Normal	ES2138638	<0.02	<0.02	-	<0.02	0.29	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	0.01	0.04	<0.05	<0.02
0020	0020 SW023	13 Dec 2021	0020 SW023 211213	AEC F	Flatrock Creek	Pathway	Normal	ES2145964	0.03	<0.02	-	<0.02	0.78	-	0.02	-	0.17	<0.1	<0.02	<0.02	0.03	0.18	<0.02	0.03	0.08	<0.05	<0.02
0020	0020 SW023	04 Apr 2022	0020 SW023 220404	AEC F	Flatrock Creek	Pathway	Normal	ES2212597	0.08	<0.02	-	0.03	0.98	-	0.05	-	0.78	0.1	<0.02	<0.02	0.07	0.43	<0.02	0.04	0.24	<0.05	<0.02
0020	0020 SW023	08 Jul 2022	0020 SW023 220708	AEC F	Flatrock Creek	Pathway	Normal	ES2224472	0.19	<0.02	-	0.03	1.33	-	0.12	-	0.86	<0.1	<0.02	<0.02	0.05	0.30	<0.02	0.04	0.18	<0.05	<0.02
0020	0020 SW023	10 Oct 2022	0020 SW023 221010	AEC F	Flatrock Creek	Pathway	Normal	ES2237104	0.04	<0.02	-	0.03	1.40	-	0.03	-	0.56	<0.1	<0.02	<0.02	0.03	0.12	<0.02	0.03	0.08	<0.05	<0.02
0020	0020 SW023	17 Apr 2023	0020 SW023 230417	AEC F	Flatrock Creek	Pathway	Normal	ES2313254	0.04	<0.02	-	<0.02	0.24	-	0.02	-	0.25	<0.1	<0.02	<0.02	0.02	0.07	<0.02	0.01	0.08	<0.05	<0.02
0020	0020 SW023	08 Apr 2024	0020 SW023 240408	AEC F	Flatrock Creek	Pathway	Normal	ES2411964	0.07	<0.02	-	<0.02	0.30	-	0.05	-	0.43	<0.1	<0.02	<0.02	0.05	0.16	<0.02	0.03	0.16	<0.05	<0.02
0020	0020 SW026	19 Apr 2017	FC SW01	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1709535	0.0065	<0.0005	-	0.0038	0.0962	-	0.0072	-	0.0921	<0.002	<0.0005	<0.0005	0.0006	0.0038	<0.0005	0.0012	<0.0005	<0.0005	<0.0005
0020	0020 SW026	15 May 2018	FC QC216 180515	Flatrock Creek	Flatrock Creek	Receptor	Interlab D	599245	<0.01	<0.01	-	<0.01	0.01 ^{FI}	-	<0.01	-	0.02 ^{FI}	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
0020	0020 SW026	15 May 2018	FC SW01 180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1814324	0.0025	<0.0005	-	0.0020	0.0123	-	0.0021	-	0.0293	<0.002	<0.0005	<0.0005	<0.0005	0.0026	<0.0005	<0.0005	0.0006	<0.0005	<0.0005
0020	0020 SW026	19 Oct 2021	0020 SW026 211019	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2138638	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	04 Apr 2022	0020 QC203 220404	Flatrock Creek	Flatrock Creek	Receptor	Interlab D	293030	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	0.02	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0020	0020 SW026	04 Apr 2022	0020 SW026 220404	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	07 Jul 2022	0020 QC103 220707	Flatrock Creek	Flatrock Creek	Receptor	Field D	ES2224472	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	07 Jul 2022	0020 QC203 220707	Flatrock Creek	Flatrock Creek	Receptor	Interlab D	905319	<0.01	<0.01	-	<0.01	0.04 ^{FI}	<0.01	<0.01	<0.01	0.04 ^{FI}	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
0020	0020 SW026	07 Jul 2022	0020 SW026 220707	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2224472	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	10 Oct 2022	0020 SW026 221010	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2237104	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	30 Jan 2023	0020 SW026 230130	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2303447	<0.02	<0.02	-	<0.02	0.09	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	17 Apr 2023	0020 SW026 230417	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2313254	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	16 Oct 2023	0020 SW026 231016	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2336397	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	08 Apr 2024	0020 SW026 240408	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2411964	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	25 Oct 2024	0020 QC112 241025	Flatrock Creek	Flatrock Creek	Receptor	Field D	ES2435539	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW026	25 Oct 2024	0020 SW026 241025	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2435539	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW027	19 Apr 2017	FC SW02	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1709535	0.0069	<0.0005	-	0.0044	0.0667	-	0.0075	-	0.0933	<0.002	<0.0005	<0.0005	0.0007	0.0039	<0.0005	0.0012	<0.0005	<0.0005	<0.0005
0020	0020 SW027	15 May 2018	FC SW02 180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1814324	0.0031	<0.0005	-	0.0023	0.0171	-	0.0031	-	0.0396	<0.002	<0.0005	<0.0005	0.0006	0.0035	<0.0005	<0.0005	0.0009	<0.0005	<0.0005
0020	0020 SW027	19 Oct 2021	0020 SW027 211019	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2138638	<0.02	<0.02	-	<0.02	0.03	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW027	04 Apr 2022	0020 QC103 220404	Flatrock Creek	Flatrock Creek	Receptor	Field D	ES2212597	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020 SW027	04 Apr 2022	0020 SW027 220404	Flatrock Creek	Flatrock Creek	Receptor																					

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids										
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220				
PFAS NEMP 3.0 2020 Recreational Water					2				2							10				

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0020	0020_SW032	08 Apr 2024	0020_SW032_240408	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2411964	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	06 Apr 2018	FC_SW14_180406	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1810551	<0.0005	<0.0005	-	<0.0005	0.0041	-	<0.0005	-	0.0056	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020_SW033	15 May 2018	FC_SW14_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES1814324	0.0017	<0.0005	-	0.0014	0.0084	-	0.0016	-	0.0200	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	0.0018	<0.0005	<0.0005	<0.0005	<0.0005
0020	0020_SW033	19 Oct 2021	0020_SW033_211019	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2138638	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	04 Apr 2022	0020_SW033_220404	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2212597	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	10 Oct 2022	0020_SW033_221010	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2237104	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	17 Apr 2023	0020_SW033_230417	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2313254	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	16 Oct 2023	0020_SW033_231016	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2336397	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	08 Apr 2024	0020_SW033_240408	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2411964	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW033	25 Oct 2024	0020_SW033_241025	Flatrock Creek	Flatrock Creek	Receptor	Normal	ES2435539	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW035	12 Apr 2017	G_SW01	AEC G	STP	Tank	Normal	ES1709064	0.0160	<0.0005	-	0.0222	0.551	-	0.0256	-	0.244	<0.002	<0.0005	<0.0005	0.0042	0.0231	<0.0005	0.0180	0.0053	<0.0005	<0.0005
0020	0020_SW035	07 Apr 2022	0020_SW035_220407	AEC G	STP	Tank	Normal	ES2212597	<0.02	<0.02	-	0.02	1.87	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW035	17 Apr 2023	0020_SW035_230417	AEC G	STP	Tank	Normal	ES2313254	0.10	<0.02	-	0.02	0.66	-	0.03	-	0.58	<0.1	<0.02	<0.02	0.03	0.15	<0.02	0.07	0.07	<0.05	<0.02
0020	0020_SW035	08 Apr 2024	0020_SW035_240408	AEC G	STP	Tank	Normal	ES2411964	<0.02	0.03	-	0.03	1.01	-	0.04	-	1.17	<0.1	0.03	<0.02	0.05	0.34	0.02	0.08	0.25	<0.05	<0.02
0020	0020_SW035	21 Oct 2024	0020_SW035_241021	AEC G	STP	Tank	Normal	ES2435143	<0.02	<0.02	-	0.02	0.06	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW036	12 Apr 2017	G_SW02	AEC G	STP	Tank	Normal	ES1709064	0.0258	0.0005	-	0.0331	0.765	-	0.0402	-	0.488	<0.002	0.0018	<0.0005	0.0092	0.0440	0.0009	0.0292	0.0073	<0.0005	<0.0005
0020	0020_SW036	18 Oct 2021	0020_QC102_211018	AEC G	STP	Tank	Field D	ES2138638	0.09	<0.02	-	0.02	0.70	-	0.04	-	0.47	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW036	18 Oct 2021	0020_SW036_211018	AEC G	STP	Tank	Normal	ES2138638	0.09	<0.02	-	0.02	0.65	-	0.04	-	0.46	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW036	04 Apr 2022	0020_SW036_220404	AEC G	STP	Tank	Normal	ES2212597	0.04	<0.02	-	0.02	0.79	-	0.03	-	0.42	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.03	<0.02	<0.05	<0.02
0020	0020_SW036	11 Oct 2022	0020_SW036_221011	AEC G	STP	Tank	Normal	ES2237104	0.06	<0.02	-	0.02	0.76	-	<0.02	-	0.35	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW036	17 Apr 2023	0020_SW036_230417	AEC G	STP	Tank	Normal	ES2313254	0.04	<0.02	-	0.02	0.65	-	0.03	-	0.43	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW036	16 Oct 2023	0020_SW036_231016	AEC G	STP	Tank	Normal	ES2336397	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW036	08 Apr 2024	0020_SW036_240408	AEC G	STP	Tank	Normal	ES2411964	0.03	<0.02	-	<0.02	0.60	-	0.02	-	0.37	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.01	<0.02	<0.05	<0.02
0020	0020_SW036	21 Oct 2024	0020_SW036_241021	AEC G	STP	Tank	Normal	ES2435143	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0020	0020_SW037	12 Apr 2017	G_SW03	AEC G	STP	Tank	Normal	ES1709064	0.0249	<0.0005	-	0.0288	0.656	-	0.0375	-	0.479	<0.002	0.0013	<0.0005	0.0079	0.0405	0.0009	0.0273	0.0069	<0.0005	<0.0005
0020	0020_SW037	18 Oct 2021	0020_QC202_211018	AEC G	STP	Tank	Interlab D	281319	0.04	<0.02	-	0.03	0.65	-	0.04	-	0.46	<0.02	<0.02	<0.05	0.01	0.07	<0.01	0.03	<0.02	<0.5	<0.1
0020	0020_SW037	18 Oct 2021	0020_SW037_211018	AEC G	STP	Tank	Normal	ES2138638	0.10	<0.02	-	0.02	0.66	-	0.04	-	0.41	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW037	04 Apr 2022	0020_SW037_220404	AEC G	STP	Tank	Normal	ES2212597	0.04	<0.02	-	0.02	0.91	-	0.03	-	0.44	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.03	<0.02	<0.05	<0.02
0020	0020_SW037	11 Oct 2022	0020_QC202_221011	AEC G	STP	Tank	Interlab D	308190	0.01	<0.02	-	0.02	0.64	-	0.02	-	0.31	<0.02	<0.02	<0.05	<0.01	0.04	<0.01	0.01	<0.02	<0.5	<0.1
0020	0020_SW037	11 Oct 2022	0020_SW037_221011	AEC G	STP	Tank	Normal	ES2237104	0.04	<0.02	-	<0.02	0.72	-	0.03	-	0.40	<0.1	<0.02	<0.02	<0.02	0.05	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW037	17 Apr 2023	0020_SW037_230417	AEC G	STP	Tank	Normal	ES2313254	0.04	<0.02	-	0.02	0.61	-	0.03	-	0.42	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW037	08 Apr 2024	0020_SW037_240408	AEC G	STP	Tank	Normal	ES2411964	0.03	<0.02	-	<0.02	0.55	-	0.02	-	0.33	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.02	<0.02	<0.05	<0.02
0020	0020_SW037	21 Oct 2024	0020_SW037_241021	AEC G	STP	Tank	Normal	ES2435143	<0.02	<0.02	-	<0.02	0.21	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids										
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220				
PFAS NEMP 3.0 2020 Recreational Water					2				2							10				

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021_MW025	14 Feb 2019	0021_MW025_190214	JBRF	Flatrock Creek	Source	Normal	ES1905115	<0.0005	<0.0005	-	<0.0005	0.0011	-	<0.0005	-	0.0025	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW025	14 Feb 2019	0021_QC209_190214	JBRF	Flatrock Creek	Source	Interlab D	641508	<0.001	<0.001	-	<0.001	0.0012 ²¹	-	<0.001	-	0.003 ²¹	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
0021	0021_MW025	29 May 2019	0021_MW025_190529	JBRF	Flatrock Creek	Source	Normal	ES1916831	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	0.0024	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW025	20 Oct 2021	0021_MW025_211020	JBRF	Flatrock Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	06 Apr 2022	0021_MW025_220406	JBRF	Flatrock Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	14 Oct 2022	0021_MW025_221014	JBRF	Flatrock Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	21 Apr 2023	0021_MW025_230421	JBRF	Flatrock Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	19 Oct 2023	0021_MW025_231019	JBRF	Flatrock Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	12 Apr 2024	0021_MW025_240412	JBRF	Flatrock Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW025	22 Oct 2024	0021_MW025_241022	JBRF	Flatrock Creek	Source	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	28 Apr 2017	MW026	JBRF	Flatrock Creek	Source	Normal	ES1710200	0.0013	<0.0005	-	<0.0005	0.0010	-	0.0010	-	0.0074	<0.002	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW026	14 Feb 2019	0021_MW026_190214	JBRF	Flatrock Creek	Source	Normal	ES1905115	0.0020	<0.0005	-	<0.0005	0.0100	-	0.0022	-	0.0061	<0.002	<0.0005	<0.0005	<0.0005	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW026	14 Feb 2019	0021_QC110_190214	JBRF	Flatrock Creek	Source	Field D	ES1905115	0.0012	<0.0005	-	<0.0005	0.0108	-	0.0015	-	0.0056	<0.002	<0.0005	<0.0005	<0.0005	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW026	29 May 2019	0021_MW026_190529	JBRF	Flatrock Creek	Source	Normal	ES1916831	0.0009	<0.0005	-	<0.0005	0.0008	-	0.0021	-	0.0042	<0.002	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW026	20 Oct 2021	0021_MW026_211020	JBRF	Flatrock Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	06 Apr 2022	0021_MW026_220406	JBRF	Flatrock Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	14 Oct 2022	0021_MW026_221014	JBRF	Flatrock Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	21 Apr 2023	0021_MW026_230421	JBRF	Flatrock Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	19 Oct 2023	0021_MW026_231019	JBRF	Flatrock Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW026	12 Apr 2024	0021_MW026_240412	JBRF	Flatrock Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.20	-	0.02	-	0.24	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021_MW028	22 Oct 2024	0021_MW028_241022	JBRF	Captains Lagoon	Source	Normal	ES2435078	<0.02	<0.02	-	<0.02	0.09	-	0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	<0.01	0.06	<0.05	<0.02
0021	0021_MW028	22 Oct 2024	0021_QC103_241022	JBRF	Captains Lagoon	Source	Normal	ES2435078	0.02	<0.02	-	<0.02	0.10	-	0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	<0.01	0.05	<0.05	<0.02
0021	0021_MW028	22 Oct 2024	0021_QC203_241022	JBRF	Captains Lagoon	Source	Interlab D	1154751	0.02	<0.01	<0.01	<0.01	0.11	<0.01	0.02	-	0.24	<0.05	<0.01	<0.01	<0.01	0.11	<0.01	0.01	0.05	<0.01	<0.01
0021	0021_MW030	03 May 2017	MW030	JBRF	Captains Lagoon	Source	Normal	ES1710866	<0.0005	<0.0005	-	<0.0005	0.0021	-	<0.0005	-	0.0012	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021_MW030	21 Oct 2021	0021_MW030_211021	JBRF	Captains Lagoon	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	06 Apr 2022	0021_MW030_220406	JBRF	Captains Lagoon	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	14 Oct 2022	0021_MW030_221014	JBRF	Captains Lagoon	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	19 Apr 2023	0021_MW030_230419	JBRF	Captains Lagoon	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	18 Oct 2023	0021_MW030_231018	JBRF	Captains Lagoon	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	10 Apr 2024	0021_MW030_240410	JBRF	Captains Lagoon	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW030	24 Oct 2024	0021_MW030_241024	JBRF	Captains Lagoon	Source	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021_MW060	23 Jun 2021	0021_MW060_210623	AEC B	Mary Creek	Pathway	Normal	ES2123994	<0.02	<0.02	-	<0.02	0.03	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021																											

SPR																													
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																					
0021	0021	MW101	19 Oct 2021	0021 MW101 211019	AEC A	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.18	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	05 Apr 2022	0021 MW101 220405	AEC A	Mary Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.22	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	13 Oct 2022	0021 MW101 221013	AEC A	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.32	-	<0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	20 Apr 2023	0021 MW101 230420	AEC A	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.39	-	<0.02	-	0.20	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	19 Oct 2023	0021 MW101 231019	AEC A	Mary Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.09	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	10 Apr 2024	0021 MW101 240410	AEC A	Mary Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.20	-	<0.02	-	0.13	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW101	24 Oct 2024	0021 MW101 241024	AEC A	Mary Creek	Source	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.28	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW102	01 May 2017	A MW02	AEC A	Captains Lagoon	Source	Normal	ES1710866	1.27	<0.0005	-	0.796	0.243	-	1.36	-	6.06	<0.002	<0.0005	<0.0005	0.153	1.17	<0.0005	0.844	0.234	<0.0005	<0.0005	
0021	0021	MW102	19 Oct 2021	0021 MW102 211019	AEC A	Captains Lagoon	Source	Normal	ES2138639	0.31	<0.02	-	0.47	7.07	-	0.35	-	3.82	0.1	<0.02	<0.02	0.12	1.13	<0.02	0.23	0.18	<0.05	<0.02	
0021	0021	MW102	19 Oct 2021	0021 QC201 211019	AEC A	Captains Lagoon	Source	Interlab D	281322	0.33	<0.02	-	0.58	8.8	-	0.37	-	3.9	0.1	<0.02	<0.05	0.15	1.0	<0.01	0.26	0.2	<0.5	<0.1	
0021	0021	MW102	05 Apr 2022	0021 MW102 220405	AEC A	Captains Lagoon	Source	Normal	ES2212442	0.67	<0.02	-	0.76	13.9	-	0.65	-	5.31	0.1	<0.02	<0.02	0.13	1.34	<0.02	0.37	0.16	<0.05	<0.02	
0021	0021	MW102	13 Oct 2022	0021 MW102 221013	AEC A	Captains Lagoon	Source	Normal	ES2237106	0.17	<0.02	-	0.27	8.00	-	0.20	-	2.29	<0.1	<0.02	<0.02	0.06	0.54	<0.02	0.16	0.10	<0.05	<0.02	
0021	0021	MW102	20 Apr 2023	0021 MW102 230420	AEC A	Captains Lagoon	Source	Normal	ES2313364	0.49	<0.02	-	0.62	10.3	-	0.63	-	5.98	0.2	<0.02	<0.02	0.23	1.56	<0.02	0.45	0.32	<0.05	<0.02	
0021	0021	MW102	20 Apr 2023	0021 QC109 230420	AEC A	Captains Lagoon	Source	Field D	ES2313364	0.20	<0.02	-	0.35	6.16	-	0.48	-	3.16	0.2	<0.02	<0.02	0.18	0.51	<0.02	0.24	0.20	<0.05	<0.02	
0021	0021	MW102	20 Apr 2023	0021 QC209 230420	AEC A	Captains Lagoon	Source	Interlab D	321517	0.31	<0.02	-	0.46	6.8	-	0.41	-	4.6	0.1	<0.02	<0.05	0.13	1.2	0.01	0.30	0.25	<0.5	<0.1	
0021	0021	MW102	19 Oct 2023	0021 MW102 231019	AEC A	Captains Lagoon	Source	Normal	ES2336398	0.29	<0.02	-	0.40	10.2	-	0.26	-	3.17	0.1	<0.02	<0.02	0.13	1.16	<0.02	0.32	0.19	<0.05	<0.02	
0021	0021	MW102	10 Apr 2024	0021 MW102 240410	AEC A	Captains Lagoon	Source	Normal	ES2411994	0.31	<0.02	-	0.34	5.73	-	0.32	-	3.19	0.1	<0.02	<0.02	0.14	0.91	<0.02	0.25	0.16	<0.05	<0.02	
0021	0021	MW102	24 Oct 2024	0021 MW102 241024	AEC A	Captains Lagoon	Source	Normal	ES2435541	0.48	<0.02	-	0.37	3.34	-	0.46	-	4.48	0.2	<0.02	<0.02	0.17	1.32	<0.02	0.38	0.23	<0.05	<0.02	
0021	0021	MW103	28 Apr 2017	A MW03	AEC A	Mary Creek	Source	Normal	ES1710200	4.06	<0.0200	-	1.86	22.1	-	4.37	-	37.5	<0.020	<0.0200	<0.0200	0.836	6.71	<0.0200	1.92	0.972	<0.0500	<0.0200	
0021	0021	MW103	02 May 2018	A MW03 180502	AEC A	Mary Creek	Source	Normal	ES1812871	2.32	<0.02	-	3.45	139	-	4.60	-	29.6	0.5	<0.02	<0.02	0.75	5.27	0.03	2.07	0.84	<0.05	<0.02	
0021	0021	MW103	24 Jun 2020	JBRF-A-MW03-2-200624	AEC A	Mary Creek	Source	Normal	727660	0.26	<0.01	-	0.20 ^{#1}	20 ^{#1}	0.08	3.32 ^{#1}	0.07 ^{#1}	3.3 ^{#1}	0.21	<0.01	<0.01	0.08	1.0	<0.01	0.13 ^{#1}	0.18	<0.01	<0.01	
0021	0021	MW103	22 Jun 2021	0021 MW103 210622	AEC A	Mary Creek	Source	Normal	ES2123994	0.15	<0.02	-	0.20	13.9	-	0.20	-	2.55	<0.1	<0.02	<0.02	0.05	0.47	<0.02	0.10	0.08	<0.05	<0.02	
0021	0021	MW103	22 Jun 2021	0021 QC114 210622	AEC A	Mary Creek	Source	Field D	ES2123994	0.19	<0.02	-	0.20	16.0	-	0.25	-	3.12	<0.1	<0.02	<0.02	0.06	0.57	<0.02	0.12	0.10	<0.05	<0.02	
0021	0021	MW103	19 Oct 2021	0021 MW103 211019	AEC A	Mary Creek	Source	Normal	ES2138639	0.19	<0.02	-	0.21	14.7	-	0.24	-	3.42	0.1	<0.02	<0.02	0.07	0.79	<0.02	0.14	0.15	<0.05	<0.02	
0021	0021	MW103	22 Nov 2021	0021 MW103 211122	AEC A	Mary Creek	Source	Normal	ES2142514	0.26	<0.02	-	0.28	20.0	-	0.32	-	3.59	0.1	<0.02	<0.02	0.09	1.05	<0.02	0.23	0.16	<0.05	<0.02	
0021	0021	MW103	06 Apr 2022	0021 MW103 220406	AEC A	Mary Creek	Source	Normal	ES2212442	0.36	<0.02	-	0.26	20.7	-	0.38	-	3.76	<0.1	<0.02	<0.02	0.07	0.96	<0.02	0.18	0.13	<0.05	<0.02	
0021	0021	MW103	13 Oct 2022	0021 MW103 221013	AEC A	Mary Creek	Source	Normal	ES2237106	0.15	<0.02	-	0.19	26.9	-	0.23	-	2.55	<0.1	<0.02	<0.02	0.06	0.52	<0.02	0.14	0.10	<0.05	<0.02	
0021	0021	MW103	20 Apr 2023	0021 MW103 230420	AEC A	Mary Creek	Source	Normal	ES2313364	0.24	0.03	-	0.42	48.4	-	0.35	-	4.21	0.1	<0.02	<0.02	0.09	0.83	<0.02	0.24	0.18	<0.05	<0.02	
0021	0021	MW103	18 Oct 2023	0021 MW103 231018	AEC A	Mary Creek	Source	Normal	ES2336398	0.15	<0.02	-	0.29	41.6	-	0.15	-	2.07	<0.1	<0.02	<0.02	0.05	0.60	<0.02	0.15	0.10	<0.05	<0.02	
0021	0021	MW103	11 Apr 2024	0021 MW103 240411	AEC A	Mary Creek	Source	Normal	ES2411994	0.23	0.04	-	0.41	36.8	-	0.29	-	3.39	0.1	<0.02	<0.02	0.09	0.74	<0.02	0.18	0.11	<0.05	<0.02	
0021	0021	MW103	25 Oct 2024	0021 MW103 241025	AEC A	Mary Creek	Source	Normal	ES2435541	0.17	<0.02	-	0.31	37.3	-	0.17	-	2.06	<0.1	<0.02	<0.02	0.04	0.59	<0.02	0.14	0.09	<0.05	<0.02	
0021	0021	MW104	28 Apr 2017	A MW04	AEC A	Mary Creek	Source	Normal	ES1710200	0.0498	<0.0005	-	0.0241	0.509	-	0.0465	-	0.463	<0.002	<0.0005	<0.0005	0.0237	0.217	<0.0005	0.0614	0.0920	<0.0005	<0.0005	
0021	0021	MW104	22 Jun 2021	0021 MW104 210622	AEC A	Mary Creek	Source	Normal	ES2123994	<0.02	<0.02	-	<0.02	0.10	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	19 Oct 2021	0021 MW104 211019	AEC A	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	22 Nov 2021	0021 MW104 211122	AEC A	Mary Creek	Source	Normal	ES2142514	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	06 Apr 2022	0021 MW104 220406	AEC A	Mary Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	13 Oct 2022	0021 MW104 221013	AEC A	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	20 Apr 2023	0021 MW104 230420	AEC A	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.12	-	<0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	18 Oct 2023	0021 MW104 231018	AEC A	Mary Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	11 Apr 2024	0021 MW104 240411	AEC A	Mary Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.12	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	24 Oct 2024	0021 MW104 241024	AEC A	Mary Creek	Source	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW104	25 Oct 2024	0021 QC156 241025	AEC A	Mary Creek	Source	Field D	ES2435541	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.13	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW105	28 Apr 2017	A MW05	AEC A	Mary Creek	Source	Normal	ES1710200	0.0800	<0.0200	-	0.232	26.1	-	0.134	-	3.55	<0.020	<0.0200	<0.0200	0.05							

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
EQL	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 MW108	13 Oct 2022	0021 MW108 221013	AEC A	Captains Lagoon	Pathway	Normal	ES2237106	0.15	<0.02	-	0.16	5.34	-	0.27	-	3.90	0.1	<0.02	<0.02	0.10	0.78	<0.02	0.18	0.18	<0.05	<0.02
0021	0021 MW108	20 Apr 2023	0021 MW108 230420	AEC A	Captains Lagoon	Pathway	Normal	ES2313364	0.21	<0.02	-	0.24	7.04	-	0.36	-	5.76	0.1	<0.02	<0.02	0.13	1.03	<0.02	0.25	0.24	<0.05	<0.02
0021	0021 MW108	18 Oct 2023	0021 MW108 231018	AEC A	Captains Lagoon	Pathway	Normal	ES2336398	0.17	<0.02	-	0.11	2.42	-	0.26	-	3.42	<0.1	<0.02	<0.02	0.05	0.46	<0.02	0.08	0.08	<0.05	<0.02
0021	0021 MW108	11 Apr 2024	0021 MW108 240411	AEC A	Captains Lagoon	Pathway	Normal	ES2411994	0.18	<0.02	-	0.16	5.87	-	0.28	-	4.01	<0.1	<0.02	<0.02	0.08	0.52	<0.02	0.15	0.10	<0.05	<0.02
0021	0021 MW108	28 Oct 2024	0021 MW108 241028	AEC A	Captains Lagoon	Pathway	Normal	ES2435541	0.15	<0.02	-	0.06	1.68	-	0.26	-	2.67	<0.1	<0.02	<0.02	0.05	0.47	<0.02	0.06	0.11	<0.05	<0.02
0021	0021 MW109	08 May 2017	A MW09	AEC A	Captains Lagoon	Source	Normal	ES1711220	0.0014	<0.0005	-	0.0076	0.114	-	0.0035	-	0.278	<0.002	<0.0005	<0.0005	0.0013	<0.0005	<0.0005	0.0048	<0.0005	<0.0005	<0.0005
0021	0021 MW109	19 Oct 2021	0021 MW109 211019	AEC A	Captains Lagoon	Source	Normal	ES2138639	0.06	<0.02	-	0.03	2.04	-	0.11	-	1.45	<0.1	<0.02	<0.02	0.04	0.39	<0.02	0.06	0.06	<0.05	<0.02
0021	0021 MW109	06 Apr 2022	0021 MW109 220406	AEC A	Captains Lagoon	Source	Normal	ES2212442	0.06	<0.02	-	0.03	1.07	-	0.09	-	1.14	<0.1	<0.02	<0.02	0.02	0.26	<0.02	0.04	0.03	<0.05	<0.02
0021	0021 MW109	13 Oct 2022	0021 MW109 221013	AEC A	Captains Lagoon	Source	Normal	ES2237106	<0.02	<0.02	-	0.03	1.49	-	0.04	-	0.75	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.03	0.03	<0.05	<0.02
0021	0021 MW109	13 Oct 2022	0021 QC209 221013	AEC A	Captains Lagoon	Source	Interlab D	308187	0.01	<0.02	-	0.03	1.2	-	0.04	-	0.66	<0.02	<0.02	<0.05	0.02	0.11	<0.01	0.03	0.02	<0.5	<0.1
0021	0021 MW109	20 Apr 2023	0021 MW109 230420	AEC A	Captains Lagoon	Source	Normal	ES2313364	0.05	<0.02	-	0.04	1.48	-	0.09	-	1.29	<0.1	<0.02	<0.02	0.02	0.25	<0.02	0.04	0.06	<0.05	<0.02
0021	0021 MW109	18 Oct 2023	0021 MW109 231018	AEC A	Captains Lagoon	Source	Normal	ES2336398	0.05	<0.02	-	0.03	1.01	-	0.07	-	1.08	0.1	<0.02	<0.02	0.02	0.22	<0.02	0.04	0.03	<0.05	<0.02
0021	0021 MW109	10 Apr 2024	0021 MW109 240410	AEC A	Captains Lagoon	Source	Normal	ES2411994	0.04	<0.02	-	0.02	1.48	-	0.05	-	0.67	<0.1	<0.02	<0.02	<0.02	0.19	<0.02	0.03	0.04	<0.05	<0.02
0021	0021 MW109	24 Oct 2024	0021 MW109 241024	AEC A	Captains Lagoon	Source	Normal	ES2435541	0.03	<0.02	-	<0.02	0.71	-	0.02	-	0.45	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021 MW109	24 Oct 2024	0021 QC256 241024	AEC A	Captains Lagoon	Source	Interlab D	1156146	0.03	<0.01	<0.01	0.02	0.92	<0.01	0.04	-	0.65	<0.05	<0.01	<0.01	0.02	0.11	<0.01	0.02	0.02	<0.01	<0.01
0021	0021 MW110	28 Apr 2017	B MW01	AEC B	Mary Creek	Source	Normal	ES1710200	0.0078	<0.0005	-	<0.0005	0.0067	-	0.0089	-	0.0581	<0.002	<0.0005	<0.0005	<0.0005	0.0068	<0.0005	0.0007	0.0021	<0.0005	<0.0005
0021	0021 MW110	22 Jun 2021	0021 MW110 210622	AEC B	Mary Creek	Source	Normal	ES2123994	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.15	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	20 Oct 2021	0021 MW110 211020	AEC B	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.24	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	22 Nov 2021	0021 MW110 211122	AEC B	Mary Creek	Source	Normal	ES2142514	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	07 Apr 2022	0021 MW110 220407	AEC B	Mary Creek	Source	Normal	ES2212442	0.04	<0.02	-	0.04	0.86	-	0.03	-	0.38	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.02	0.02	<0.05	<0.02
0021	0021 MW110	13 Oct 2022	0021 MW110 221013	AEC B	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.13	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	20 Apr 2023	0021 MW110 230420	AEC B	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.32	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	18 Oct 2023	0021 MW110 231018	AEC B	Mary Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	10 Apr 2024	0021 MW110 240410	AEC B	Mary Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.21	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW110	25 Oct 2024	0021 MW110 241025	AEC B	Mary Creek	Source	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.05	-	<0.02	-	0.13	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	28 Apr 2017	B MW02	AEC B	Mary Creek	Source	Normal	ES1710200	0.0029	<0.0005	-	0.0009	0.0952	-	0.0037	-	0.0388	<0.002	<0.0005	<0.0005	0.0009	0.0040	<0.0005	0.0029	<0.0005	<0.0005	<0.0005
0021	0021 MW111	22 Jun 2021	0021 MW111 210622	AEC B	Mary Creek	Source	Normal	ES2123994	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	20 Oct 2021	0021 MW111 211020	AEC B	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	22 Nov 2021	0021 MW111 211122	AEC B	Mary Creek	Source	Normal	ES2142514	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	07 Apr 2022	0021 MW111 220407	AEC B	Mary Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	13 Oct 2022	0021 MW111 221013	AEC B	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	20 Apr 2023	0021 MW111 230420	AEC B	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW111	18 Oct 2023	0021 MW111 231018	AEC B	Mary Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.0										

SPR																													
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																					
0021	0021	MW117	20 Oct 2021	0021_QC203_211020	AEC C	Flatrock Creek	Source	Interlab D	281322	0.07	<0.02	-	<0.01	0.12	-	0.06	-	0.32	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021	MW117	14 Oct 2022	0021_MW117_221014	AEC C	Flatrock Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.07	-	0.03	-	0.24	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02		
0021	0021	MW117	21 Apr 2023	0021_MW117_230421	AEC C	Flatrock Creek	Source	Normal	ES2313364	0.02	<0.02	-	<0.02	0.10	-	0.04	-	0.28	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02		
0021	0021	MW117	19 Oct 2023	0021_MW117_231019	AEC C	Flatrock Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.14	-	0.02	-	0.26	<0.1	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW117	12 Apr 2024	0021_MW117_240412	AEC C	Flatrock Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.17	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW117	22 Oct 2024	0021_MW117_241022	AEC C	Flatrock Creek	Source	Normal	ES2435078	<0.02	<0.02	-	<0.02	0.04	-	0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW118	03 May 2017	C_MW02	AEC C	Flatrock Creek	Source	Normal	ES1710866	0.0040	<0.0005	-	<0.0005	0.0139	-	0.0058	-	0.0306	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	0.0037	<0.0005	0.0009	<0.0005	<0.0005	<0.0005
0021	0021	MW118	26 Oct 2021	0021_MW118_211026	AEC C	Flatrock Creek	Source	Normal	ES2138639	0.06	<0.02	-	0.03	0.87	-	0.13	-	1.35	<0.1	<0.02	<0.02	<0.02	<0.02	0.10	<0.02	0.02	0.02	<0.05	<0.02
0021	0021	MW118	11 Oct 2022	0021_MW118_221011	AEC C	Flatrock Creek	Source	Normal	ES2237106	0.05	<0.02	-	<0.02	0.80	-	0.09	-	1.14	<0.1	<0.02	<0.02	<0.02	<0.02	0.07	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021	MW118	03 Feb 2023	0021_MW118_230203	AEC C	Flatrock Creek	Source	Normal	ES2303695	0.03	<0.02	-	0.02	0.94	-	0.07	-	1.05	<0.1	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021	MW118	21 Apr 2023	0021_MW118_230421	AEC C	Flatrock Creek	Source	Normal	ES2313364	0.05	<0.02	-	0.04	1.43	-	0.13	-	1.80	<0.1	<0.02	<0.02	<0.02	<0.02	0.08	<0.02	0.03	<0.02	<0.05	<0.02
0021	0021	MW118	19 Oct 2023	0021_MW118_231019	AEC C	Flatrock Creek	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.82	-	0.04	-	0.50	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021	MW118	12 Apr 2024	0021_MW118_240412	AEC C	Flatrock Creek	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	0.26	-	0.02	-	0.45	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW118	22 Oct 2024	0021_MW118_241022	AEC C	Flatrock Creek	Source	Normal	ES2435078	0.02	<0.02	-	<0.02	0.42	-	0.05	-	0.49	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	03 May 2017	C_MW03	AEC C	Captains Lagoon	Source	Normal	ES1710866	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	0.0006	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021	MW119	20 Oct 2021	0021_MW119_211020	AEC C	Captains Lagoon	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	20 Oct 2021	0021_QC202_211020	AEC C	Captains Lagoon	Source	Interlab D	281322	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021	MW119	06 Apr 2022	0021_MW119_220406	AEC C	Captains Lagoon	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	11 Oct 2022	0021_MW119_221011	AEC C	Captains Lagoon	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	03 Feb 2023	0021_MW119_230203	AEC C	Captains Lagoon	Source	Normal	ES2303695	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	21 Apr 2023	0021_MW119_230421	AEC C	Captains Lagoon	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	19 Oct 2023	0021_MW119_231019	AEC C	Captains Lagoon	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	12 Apr 2024	0021_MW119_240412	AEC C	Captains Lagoon	Source	Normal	ES2411994	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW119	22 Oct 2024	0021_MW119_241022	AEC C	Captains Lagoon	Source	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW120	03 May 2017	C_MW04	AEC C	Captains Lagoon	Source	Normal	ES1710866	0.0591	<0.0005	-	0.0026	0.0092	-	0.0706	-	0.221	<0.002	<0.0005	<0.0005	0.0032	0.0402	<0.0005	0.0027	0.0075	<0.0005	<0.0005	
0021	0021	MW120	20 Oct 2021	0021_MW120_211020	AEC C	Captains Lagoon	Source	Normal	ES2138639	0.06	<0.02	-	<0.02	0.48	-	0.06	-	0.61	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.01	0.02	<0.05	<0.02	
0021	0021	MW120	20 Oct 2021	0021_QC102_211020	AEC C	Captains Lagoon	Source	Field D	ES2138639	0.05	<0.02	-	<0.02	0.46	-	0.06	-	0.64	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.01	0.02	<0.05	<0.02	
0021	0021	MW120	14 Oct 2022	0021_MW120_221014	AEC C	Captains Lagoon	Source	Normal	ES2237106	0.03	<0.02	-	<0.02	0.22	-	0.04	-	0.24	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021	MW120	21 Apr 2023	0021_MW120_230421	AEC C	Captains Lagoon	Source	Normal	ES2313364	0.14	<0.02	-	0.04	0.91	-	0.30	-	2.02	<0.1	<0.02	<0.02	<0.02	0.04	0.41	<0.02	0.03	0.06	<0.05	<0.02
0021	0021	MW120	19 Oct 2023	0021_MW120_231019	AEC C	Captains Lagoon	Source	Normal	ES2336398	0.14	<0.02	-	0.09	1.66	-	0.22	-	2.77	<0.1	<0.02	<0.02	<0.02	0.04	0.34	<0.02	0.07	<0.05	<0.02	
0021	0021	MW120	12 Apr 2024	0021_MW120_240412	AEC C	Captains Lagoon	Source	Normal	ES2411994	0.14	<0.02	-	<0.02	0.43	-	0.16	-	0.89	<0.1	<0.02	<0.02	<0.02	<0.02	0.18	<0.02	0.02	0.05	<0.05	<0.02
0021	0021	MW120	22 Oct 2024	0021_MW120_241022	AEC C	Captains Lagoon	Source	Normal	ES2435078	0.09	<0.02	-	0.04	0.47	-	0.17	-	1.31	<0.1	<0.02	<0.02	<0.02	0.02	0.20	<0.02	0.04	0.05	<0.05	<0.02
0021	0021	MW121	03 May 2017	C_MW05	AEC C	Captains Lagoon	Source	Normal	ES1710866	0.0142	<0.0005	-	0.0019	0.0102	-	0.0157	-	0.118	<0.002	<0.0005	<0.0005	0.0006	0.0060	<0.0005	0.0015	0.0020	<0.0005	<0.0005	
0021	0021	MW121	22 Oct 2021	0021_MW121_211022	AEC C	Captains Lagoon	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.02	-	0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW121	14 Oct 2022	0021_MW121_221014	AEC C	Captains Lagoon	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.04	-	0.02	-	0.30	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021	MW121	01 Feb 2023	0021_MW121_230201	AEC C	Captains Lagoon	Source	Normal	ES2303446	<0.02	<0.02	-	<0.02	0.06	-	0.02	-	0.28	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021	MW121	01 Feb 2023	0021_QC202_230201	AEC C	Captains Lagoon	Source	Interlab D	961655	0.02	<0.01	<0.01	<0.01	0.06 ^{†1}	<0.01	0.02	-	0.25 ^{†1}	<0.05	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	0.01 ^{†1}	<0.01	<0.01	
0021	0021	MW121	20 Apr 2023	0021_MW121_230420	AEC C	Captains Lagoon	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.05	-	<0.02	-	0.14	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021	MW121	18 Oct 2023	0021_MW121_231018	AEC C	Captains Lagoon	Source	Normal	ES2336398	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021	MW121	18 Oct 2023	0021_QC112_231018	AEC C	Captains Lagoon	Source	Field D	ES2336399	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.09	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021	MW121	18 Oct 2023	0021_QC212_231018	AEC C	Captains Lagoon	Source	Interlab D	335876	<0.01	<0.02	-	<0.01	0.03	-	<0.01	-	0.05	<0.02	<0.02	<0.05	0.01	0.04	<0.01	<0.01	0.07	<0.5	<0.1	
0021	0021	MW121	10 Apr 2024	0021_MW121_240410	AEC C	Captains Lagoon	Source																						

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids										
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
EOL	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220				
PFAS NEMP 3.0 2020 Recreational Water					2				2							10				

SPR																												
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																				
0021	0021 MW126	20 Oct 2021	0021 QC108 211020	JBRF	Flatrock Creek	Pathway	Field D	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	07 Apr 2022	0021 MW126 220407	JBRF	Flatrock Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	07 Apr 2022	0021 QC209 220407	JBRF	Flatrock Creek	Pathway	Interlab D	293031	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 MW126	13 Oct 2022	0021 MW126 221013	JBRF	Flatrock Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	02 Feb 2023	0021 MW126 230202	JBRF	Flatrock Creek	Pathway	Normal	ES2303446	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	19 Apr 2023	0021 MW126 230419	JBRF	Flatrock Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	18 Oct 2023	0021 MW126 231018	JBRF	Flatrock Creek	Pathway	Normal	ES2336398	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	18 Oct 2023	0021 QC105 231018	JBRF	Flatrock Creek	Pathway	Field D	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	18 Oct 2023	0021 QC205 231018	JBRF	Flatrock Creek	Pathway	Interlab D	335876	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 MW126	10 Apr 2024	0021 MW126 240410	JBRF	Flatrock Creek	Pathway	Normal	ES2411994	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	26 Oct 2024	0021 MW126 241026	JBRF	Flatrock Creek	Pathway	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	26 Oct 2024	0021 QC116 241026	JBRF	Flatrock Creek	Pathway	Field D	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW126	26 Oct 2024	0021 QC216 241026	JBRF	Flatrock Creek	Pathway	Interlab D	1156160	<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	
0021	0021 MW127	04 May 2017	FC MW03	JBRF	Captains Lagoon	Source	Normal	ES1711220	0.03	<0.0005	-	0.0179	0.198	-	0.0386	-	0.328	<0.002	<0.0005	<0.0005	0.0032	0.0203	<0.0005	0.013	0.008	<0.0005	<0.0005	
0021	0021 MW127	11 Apr 2022	0021 MW127 220411	JBRF	Captains Lagoon	Source	Normal	ES2213156	0.06	<0.02	-	<0.02	0.34	-	0.06	-	0.39	<0.1	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 MW127	11 Oct 2022	0021 MW127 221011	JBRF	Captains Lagoon	Source	Normal	ES2236834	0.05	<0.02	-	<0.02	0.22	-	0.05	-	0.31	<0.1	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 MW127	11 Oct 2022	0021 QC225 221012	JBRF	Captains Lagoon	Source	Interlab D	931500	0.06	<0.01	-	0.01	0.27 ^{†1}	0.02	0.05 ^{†1}	<0.01	0.32 ^{†1}	<0.05	<0.01	<0.01	<0.01	<0.01	0.06 ^{†1}	<0.01	0.01 ^{†1}	0.01 ^{†1}	<0.01	<0.01
0021	0021 MW127	01 Feb 2023	0021 MW127 230201	JBRF	Captains Lagoon	Source	Normal	ES2303446	0.05	<0.02	-	<0.02	0.23	-	0.06	-	0.37	<0.1	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 MW127	01 Feb 2023	0021 QC102 230201	JBRF	Captains Lagoon	Source	Field D	ES2303446	0.04	<0.02	-	<0.02	0.21	-	0.05	-	0.30	<0.1	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 MW127	24 Oct 2024	0021 MW127 241024	JBRF	Captains Lagoon	Source	Normal	ES2435541	0.05	<0.02	-	<0.02	0.25	-	0.06	-	0.42	<0.1	<0.02	<0.02	<0.02	<0.02	0.08	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021 MW128	04 May 2017	LM MW01	JBRF	Flatrock Creek	Pathway	Normal	ES1711220	0.0028	<0.0005	-	<0.0005	0.0012	-	0.0048	-	0.0231	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW128	03 May 2018	LM MW01 180503	JBRF	Flatrock Creek	Pathway	Normal	ES1812871	0.03	<0.02	-	0.06	1.09	-	0.05	-	0.72	<0.1	<0.02	<0.02	<0.02	<0.02	0.13	<0.02	0.03	0.03	<0.05	<0.02
0021	0021 MW128	14 Feb 2019	LM MW01 190214	JBRF	Flatrock Creek	Pathway	Normal	ES1905115	0.0028	<0.0005	-	<0.0005	0.0011	-	0.0027	-	0.0217	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW128	29 May 2019	0021 QC100 190529	JBRF	Flatrock Creek	Pathway	Field D	ES1916831	0.0022	<0.0005	-	<0.0005	0.0013	-	0.0030	-	0.0114	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW128	29 May 2019	LM MW01 190529	JBRF	Flatrock Creek	Pathway	Normal	ES1916831	0.0024	<0.0005	-	<0.0005	0.0012	-	0.0037	-	0.0151	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW128	20 Oct 2021	0021 MW128 211020	JBRF	Flatrock Creek	Pathway	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW128	20 Oct 2021	0021 QC107 211020	JBRF	Flatrock Creek	Pathway	Field D	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW128	21 Dec 2021	0021 MW128 211221	JBRF	Flatrock Creek	Pathway	Normal	ES2147061	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW128	21 Dec 2021	0021 QC112 211221	JBRF	Flatrock Creek	Pathway	Field D	ES2147061	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW128	21 Dec 2021	0021 QC212 211221	JBRF	Flatrock Creek	Pathway	Interlab D	853283	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	0.02 ^{†1}	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
0021	0021 MW128	06 Apr 2022	0021 MW128 220406	JBRF	Flatrock Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 MW128	14 Oct 2022	0021 MW128 221014	JBRF	Flatrock Creek	Pathway	Normal	ES2237106	<0.02	<0.02																		

PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTDA)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
EQI																		
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																		

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 MW133	09 Apr 2024	0021 MW133 240409	Mary Creek	Mary Creek	Pathway	Normal	ES2411994	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW133	23 Oct 2024	0021 MW133 241023	Mary Creek	Mary Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW134	04 May 2017	TC MW01	JBRF	Captains Lagoon	Pathway	Normal	ES1711220	<0.0005	<0.0005	-	<0.0005	0.0004	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW134	11 Apr 2022	0021 MW134 220411	JBRF	Captains Lagoon	Pathway	Normal	ES2213156	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW134	11 Apr 2022	0021 QC200 220411	JBRF	Captains Lagoon	Pathway	Interlab D	880531	<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	
0021	0021 MW134	11 Oct 2022	0021 MW134 221011	JBRF	Captains Lagoon	Pathway	Normal	ES2236834	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW134	01 Feb 2023	0021 MW134 230201	JBRF	Captains Lagoon	Pathway	Normal	ES2303446	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW134	24 Oct 2024	0021 MW134 241024	JBRF	Captains Lagoon	Pathway	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW135	30 May 2019	LM MW03A 190530	Lake McKenzie	Lakes	Pathway	Normal	ES1916831	<0.0005	<0.0005	-	<0.0005	0.0010	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	21 Oct 2021	0021 MW135 211021	Lake McKenzie	Lakes	Pathway	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	21 Oct 2021	0021 QC112 211021	Lake McKenzie	Lakes	Pathway	Field D	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	06 Apr 2022	0021 MW135 220406	Lake McKenzie	Lakes	Pathway	Normal	ES2212442	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	10 Oct 2022	0021 MW135 221010	Lake McKenzie	Lakes	Pathway	Normal	ES2237106	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	18 Apr 2023	0021 MW135 230418	Lake McKenzie	Lakes	Pathway	Normal	ES2313364	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	17 Oct 2023	0021 MW135 231017	Lake McKenzie	Lakes	Pathway	Normal	ES2336398	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	17 Oct 2023	0021 QC103 231017	Lake McKenzie	Lakes	Pathway	Field D	ES2336399	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW135	17 Oct 2023	0021 QC203 231017	Lake McKenzie	Lakes	Pathway	Interlab D	335876	<0.0004	<0.002	-	<0.001	0.0003	-	<0.001	-	0.0002	<0.01	<0.002	<0.005	<0.0004	<0.0004	<0.001	0.0002	<0.002	<0.05	<0.01
0021	0021 MW135	09 Apr 2024	0021 MW135 240409	Lake McKenzie	Lakes	Pathway	Normal	ES2411994	<0.0005	<0.0005	-	<0.0005	0.0056	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0020	<0.005	<0.0005	
0021	0021 MW135	26 Oct 2024	0021 MW135 241026	Lake McKenzie	Lakes	Pathway	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	30 May 2019	LM MW03B 190530	Lake McKenzie	Lakes	Pathway	Normal	ES1916831	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	21 Oct 2021	0021 MW136 211021	Lake McKenzie	Lakes	Pathway	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	06 Apr 2022	0021 MW136 220406	Lake McKenzie	Lakes	Pathway	Normal	ES2212442	<0.0005	<0.0005	-	<0.0005	0.0003	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.005	0.0010	<0.005	
0021	0021 MW136	10 Oct 2022	0021 MW136 221010	Lake McKenzie	Lakes	Pathway	Normal	ES2237106	<0.0005	<0.0005	-	<0.0005	0.0015	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	18 Apr 2023	0021 MW136 230418	Lake McKenzie	Lakes	Pathway	Normal	ES2313364	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	17 Oct 2023	0021 MW136 231017	Lake McKenzie	Lakes	Pathway	Normal	ES2336398	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	09 Apr 2024	0021 MW136 240409	Lake McKenzie	Lakes	Pathway	Normal	ES2411994	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	26 Oct 2024	0021 MW136 241026	Lake McKenzie	Lakes	Pathway	Normal	ES2435541	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW136	26 Oct 2024	0021 QC220 241026	Lake McKenzie	Lakes	Pathway	Field D	ES2435541	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW137	30 May 2019	0021 QC201 190530	Lake McKenzie	Lakes	Pathway	Interlab D	660059	<0.001	<0.001	-	<0.001	<0.0001	-	<0.001	-	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
0021	0021 MW137	30 May 2019	LM MW03C 190530	Lake McKenzie	Lakes	Pathway	Normal	ES1916831	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 MW137	21 Oct 2021	0021 MW137 211021	Lake McKenzie	Lakes	Pathway	Normal	ES2138639	<0.0005	<0.0005	-	<0.0005	<0.0002	-	<0.0005	-	<0.0005	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005					

PFAS - Perfluoroalkyl Sulfonic Acids										PFAS - Perfluoroalkyl Carboxylic Acids									
Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	
EQOL																			
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems				0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system				0.13											220				
PFAS NEMP 3.0 2020 Recreational Water				2				2							10				

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 MW154	13 Aug 2020	0021 MW154 200813	AEC A	Mary Creek	Source	Normal	ES2028499	8.74	<0.0016 ⁹⁵	-	1.79	9.94	-	9.44	-	46.9	1.10	0.0058	<0.0016 ⁹⁵	1.13	8.71	0.0051	1.79	1.88	<0.0040 ⁹⁵	<0.0016 ⁹⁵
0021	0021 MW154	25 Oct 2024	0021 MW154 241025	AEC A	Mary Creek	Source	Normal	ES2435541	6.13	<0.02	-	2.30	15.7	-	6.82	-	33.6	0.9	<0.02	<0.02	1.10	6.35	<0.02	2.14	1.51	<0.05	<0.02
0021	0021 MW155	13 Aug 2020	0021 MW155 200813	AEC A	Mary Creek	Source	Normal	ES2028499	13.9	0.0360	-	2.24	8.88	-	19.5	-	70.1	1.61	0.0373	<0.0016 ⁹⁵	2.94	21.6	0.0506	1.73	3.15	<0.0040 ⁹⁵	<0.0016 ⁹⁵
0021	0021 MW155	25 Oct 2024	0021 MW155 241025	AEC A	Mary Creek	Source	Normal	ES2435541	3.05	0.41	-	3.10	43.0	-	6.90	-	81.6	1.0	0.81	<0.02	2.57	9.61	0.73	7.24	2.00	<0.05	<0.02
0021	0021 MW160	21 Dec 2021	0021 MW160 211221	JBRF	Flatrock Creek	Pathway	Normal	ES2147061	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW160	23 Oct 2024	0021 MW160 241023	JBRF	Flatrock Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW160	23 Oct 2024	0021 QC105 241023	JBRF	Flatrock Creek	Pathway	Field D	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 MW160	23 Oct 2024	0021 QC205 241023	JBRF	Flatrock Creek	Pathway	Interlab D	1154751	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
0021	0021 MW163	11 Apr 2022	0021 MW163 220411	JBRF	Flatrock Creek	Pathway	Normal	ES2213156	0.02	<0.02	-	<0.02	0.77	-	0.02	-	0.31	<0.1	<0.02	<0.02	<0.02	0.21	<0.02	0.03	0.05	<0.05	<0.02
0021	0021 MW163	11 Oct 2022	0021 MW163 221011	JBRF	Flatrock Creek	Pathway	Normal	ES2236834	<0.02	<0.02	-	<0.02	0.40	-	<0.02	-	0.09	<0.1	<0.02	<0.02	0.02	0.17	<0.02	0.06	0.06	<0.05	<0.02
0021	0021 MW163	02 Feb 2023	0021 MW163 230202	JBRF	Flatrock Creek	Pathway	Normal	ES2303446	<0.02	<0.02	-	<0.02	0.57	-	<0.02	-	0.18	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	0.04	0.04	<0.05	<0.02
0021	0021 MW163	02 Feb 2023	0021 QC103 230202	JBRF	Flatrock Creek	Pathway	Field D	ES2303446	<0.02	<0.02	-	<0.02	0.48	-	<0.02	-	0.16	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.03	0.03	<0.05	<0.02
0021	0021 MW163	23 Oct 2024	0021 MW163 241023	JBRF	Flatrock Creek	Pathway	Normal	ES2435078	0.03	<0.02	-	<0.02	1.62	-	0.03	-	0.15	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021 MW164	11 Apr 2022	0021 MW164 220411	JBRF	Flatrock Creek	Pathway	Normal	ES2213156	0.02	<0.02	-	0.06	9.73	-	0.06	-	1.61	<0.1	<0.02	<0.02	0.04	0.32	<0.02	0.09	0.06	<0.05	<0.02
0021	0021 MW164	11 Apr 2022	0021 QC100 220411	JBRF	Flatrock Creek	Pathway	Field D	ES2213156	0.02	<0.02	-	0.06	7.58	-	0.06	-	1.59	<0.1	<0.02	<0.02	0.04	0.31	<0.02	0.08	0.06	<0.05	<0.02
0021	0021 MW164	11 Oct 2022	0021 MW164 221011	JBRF	Flatrock Creek	Pathway	Normal	ES2236834	<0.02	<0.02	-	0.04	7.10	-	0.05	-	0.97	<0.1	<0.02	<0.02	0.04	0.27	<0.02	0.05	0.06	<0.05	<0.02
0021	0021 MW164	11 Oct 2022	0021 QC125 221011	JBRF	Flatrock Creek	Pathway	Field D	ES2236834	<0.02	<0.02	-	0.05	7.92	-	0.04	-	0.92	<0.1	<0.02	<0.02	0.03	0.24	<0.02	0.06	0.05	<0.05	<0.02
0021	0021 MW164	03 Feb 2023	0021 MW164 230203	JBRF	Flatrock Creek	Pathway	Normal	ES2303695	<0.02	<0.02	-	0.04	5.63	-	<0.02	-	0.46	<0.1	<0.02	<0.02	0.02	0.06	<0.02	0.05	<0.02	<0.05	<0.02
0021	0021 MW164	22 Oct 2024	0021 MW164 241022	JBRF	Flatrock Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	2.61	-	<0.02	-	0.29	<0.1	<0.02	<0.02	<0.02	0.02	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 OTH001	13 Oct 2017	A S415 SW05	AEC A	RAN SSSS	Tank	Normal	ES1725662	0.55	<0.02	-	0.28	4.22	-	0.50	-	4.62	<0.1	<0.02	<0.02	0.15	1.42	<0.02	0.32	0.20	<0.05	<0.02
0021	0021 OTH001	21 Oct 2021	0021 OTH001 211021	AEC A	RAN SSSS	Tank	Normal	ES2138639	0.18	<0.02	-	0.14	3.54	-	0.20	-	1.95	<0.1	<0.02	<0.02	0.06	0.64	<0.02	0.13	0.14	<0.05	<0.02
0021	0021 OTH001	21 Oct 2021	0021 QC210 211021	AEC A	RAN SSSS	Tank	Interlab D	281322	0.16	<0.02	-	0.14	3.1	-	0.14	-	1.7	0.1	<0.02	<0.05	0.06	0.62	<0.01	0.11	0.1	<0.5	<0.1
0021	0021 OTH001	05 Apr 2022	0021 OTH001 220405	AEC A	RAN SSSS	Tank	Normal	ES2212442	0.17	<0.02	-	0.14	8.76	-	0.08	-	0.81	<0.1	<0.02	<0.02	0.02	0.45	<0.02	0.08	0.05	<0.05	<0.02
0021	0021 OTH001	05 Apr 2022	0021 QC202 220405	AEC A	RAN SSSS	Tank	Interlab D	293031	0.14	<0.02	-	0.13	7.2	-	0.09	-	0.86	0.03	<0.02	<0.05	0.03	0.44	<0.01	0.09	0.06	<0.5	<0.1
0021	0021 OTH001	13 Oct 2022	0021 OTH001 221013	AEC A	RAN SSSS	Tank	Normal	ES2237106	0.03	<0.02	-	0.02	0.84	-	0.04	-	0.37	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.03	0.02	<0.05	<0.02
0021	0021 OTH001	20 Apr 2023	0021 OTH001 230420	AEC A	RAN SSSS	Tank	Normal	ES2313364	0.06	<0.02	-	0.07	2.24	-	0.08	-	0.90	<0.1	<0.02	<0.02	0.03	0.26	<0.02	0.07	0.05	<0.05	<0.02
0021	0021 OTH001	19 Oct 2023	0021 OTH001 231019	AEC A	RAN SSSS	Tank	Normal	ES2336399	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 OTH001	11 Apr 2024	0021 OTH001 240411	AEC A	RAN SSSS	Tank	Normal	ES2412012	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 OTH001	25 Oct 2024	0021 OTH001 241025	AEC A	RAN SSSS	Tank	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 OTH002	13 Oct 2017	A S416 SW02	AEC A	RAN SSSS	Tank	Normal	ES1725662	0.08	<0.02	-	0.04	1.16	-	0.08	-	0.83	<0.1	<0.02	<0.02	0.03	0.32	<0.02	0.06	0.04	<0.05	<0.02
0021	0021 OTH002	21 Oct 2021	0021 OTH002 211021	AEC A	RAN SSSS	Tank	Normal	ES2138639	0.04	<0.02	-	0.02	0.71	-	0.05	-	0.39	<0.1	<0.02	<0.02	0.02	0.19	<0.02	0.05	0.04	<0.05	<0.02
0021	0021 OTH002	05 Apr 2022	0021 OTH002 220405	AEC A	RAN SSSS	Tank	Normal	ES2212442	0.05	<0.02	-	<0.02	0.66	-	0.04	-	0.36	<0.1	<0.02	<0.02	0.02	0.23	<0.02	0.05	0.03	<0.05	<0.02
0021	0021 OTH002	13 Oct 2022	0021 OTH002 221013	AEC A	RAN SSSS	Tank	Normal	ES2237106	0.04	<0.02	-	<0.02	0.66	-	0.04	-	0.40	<0.1	<0.02	<0.02	0.02	0.29	<0.02	0.06	0.04	<0.05	<0.02
0021	0021 OTH002	20 Apr 2023	0021 OTH002 230420	AEC A	RAN SSSS	Tank	Normal	ES2313364	0.06	<0.02	-	0.03	0.96	-	0.07	-	0.59	<0.1	0.03	<0.02	0.04	0.44	<0.02	0.09	0.07	<0.05	<0.02
0021	0021 OTH002	19 Oct 2023	0021 OTH002 231019	AEC A	RAN SSSS	Tank	Normal	ES2336399	0.03	<0.02	-	<0.02	0.56	-	0.03	-	0.29	<0.1	<								

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																													
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																					
0021	0021 SW001	07 Jul 2022	0021 SW001 220101	AEC A	Captains Lagoon	Source	Normal	ES2224473	0.15	0.03	-	0.18	7.68	-	0.29	-	4.03	<0.1	<0.02	<0.02	0.12	0.68	<0.02	0.17	0.12	<0.05	<0.02		
0021	0021 SW001	11 Oct 2022	0021 SW001 221011	AEC A	Captains Lagoon	Source	Normal	ES2236834	0.07	<0.02	-	0.09	3.60	-	0.10	-	1.13	<0.1	<0.02	<0.02	0.03	0.24	<0.02	0.07	0.05	<0.05	<0.02		
0021	0021 SW001	13 Oct 2022	0021 SW001 221013	AEC A	Captains Lagoon	Source	Normal	ES2237106	0.12	<0.02	-	0.12	4.91	-	0.19	-	2.41	<0.1	<0.02	<0.02	0.08	0.49	<0.02	0.12	0.10	<0.05	<0.02		
0021	0021 SW001	01 Feb 2023	0021 SW001 230201	AEC A	Captains Lagoon	Source	Normal	ES2303446	0.11	0.02	-	0.11	4.27	-	0.16	-	2.02	<0.1	<0.02	<0.02	0.06	0.39	<0.02	0.10	0.10	<0.05	<0.02		
0021	0021 SW001	20 Apr 2023	0021 SW001 230420	AEC A	Captains Lagoon	Source	Normal	ES2313364	0.36	0.03	-	0.21	9.25	-	0.47	-	6.39	0.1	<0.02	<0.02	0.17	1.18	0.02	0.23	0.24	<0.05	<0.02		
0021	0021 SW001	07 Aug 2023	0021 SW001 230807	AEC A	Captains Lagoon	Source	Normal	ES2326593	0.02	<0.02	-	0.03	1.16	-	0.03	-	0.40	<0.1	<0.02	<0.02	0.02	0.10	<0.02	0.02	0.03	<0.05	<0.02		
0021	0021 SW001	04 Oct 2023	0021 SW001 231004	AEC A	Captains Lagoon	Source	Normal	ES2334226	0.03	<0.02	-	0.05	1.85	-	0.04	-	0.74	0.2	<0.02	<0.02	0.02	0.18	<0.02	0.05	0.02	<0.05	<0.02		
0021	0021 SW001	18 Oct 2023	0021 SW001 231018	AEC A	Captains Lagoon	Source	Normal	ES2336399	0.06	<0.02	-	0.05	2.07	-	0.08	-	1.19	<0.1	<0.02	<0.02	0.04	0.31	<0.02	0.05	0.07	<0.05	<0.02		
0021	0021 SW001	10 Apr 2024	0021 SW001 240410	AEC A	Captains Lagoon	Source	Normal	ES2412012	0.10	<0.02	-	0.07	2.84	-	0.16	-	1.96	<0.1	<0.02	<0.02	0.06	0.39	<0.02	0.08	0.05	<0.05	<0.02		
0021	0021 SW002	20 Apr 2017	AB SW02	AEC A	Mary Creek	Source	Normal	ES1709644	0.514	0.0025	-	0.328	5.61	-	0.109	-	6.40	<0.002	<0.0005	<0.0005	0.0264	0.832	<0.0005	0.120	0.0569	<0.0005	<0.0005		
0021	0021 SW002	19 Oct 2021	0021 SW002 211019	AEC A	Mary Creek	Source	Normal	ES2138639	0.23	<0.02	-	0.25	5.90	-	0.43	-	4.66	<0.1	<0.02	<0.02	0.07	0.60	<0.02	0.16	0.13	<0.05	<0.02		
0021	0021 SW002	05 Apr 2022	0021 SW002 220405	AEC A	Mary Creek	Source	Normal	ES2212442	0.12	<0.02	-	0.06	2.00	-	0.09	-	1.04	<0.1	<0.02	<0.02	0.02	0.18	<0.02	0.06	0.02	<0.05	<0.02		
0021	0021 SW002	13 Oct 2022	0021 SW002 221013	AEC A	Mary Creek	Source	Normal	ES2237106	0.16	<0.02	-	0.14	3.64	-	0.23	-	2.59	<0.1	<0.02	<0.02	0.05	0.36	<0.02	0.14	0.07	<0.05	<0.02		
0021	0021 SW002	20 Apr 2023	0021 SW002 230420	AEC A	Mary Creek	Source	Normal	ES2313364	0.05	<0.02	-	0.04	1.17	-	0.06	-	0.70	<0.1	<0.02	<0.02	<0.02	0.18	<0.02	0.05	0.07	<0.05	<0.02		
0021	0021 SW002	18 Oct 2023	0021 SW002 231018	AEC A	Mary Creek	Source	Normal	ES2336399	0.11	<0.02	-	0.06	2.67	-	0.14	-	2.01	<0.1	<0.02	<0.02	0.03	0.38	<0.02	0.06	0.06	<0.05	<0.02		
0021	0021 SW002	11 Apr 2024	0021 SW002 240411	AEC A	Mary Creek	Source	Normal	ES2412012	0.06	<0.02	-	0.04	1.58	-	0.09	-	1.04	<0.1	<0.02	<0.02	<0.02	0.13	<0.02	0.03	<0.02	<0.05	<0.02		
0021	0021 SW003	20 Apr 2017	AB SW03	AEC A	Mary Creek	Source	Normal	ES1709644	0.0020	<0.0005	-	0.0013	0.0443	-	0.0026	-	0.0416	<0.002	<0.0005	<0.0005	<0.0005	0.0054	<0.0005	0.0011	0.0013	<0.0005	<0.0005		
0021	0021 SW003	19 Oct 2021	0021 SW003 211019	AEC A	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.08	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW003	05 Apr 2022	0021 SW003 220405	AEC A	Mary Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW003	13 Oct 2022	0021 QC205 221013	AEC A	Mary Creek	Source	Interlab D	308187	<0.01	<0.02	-	<0.01	0.04	-	<0.01	-	0.03	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1		
0021	0021 SW003	13 Oct 2022	0021 SW003 221013	AEC A	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.04	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW003	20 Apr 2023	0021 SW003 230420	AEC A	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW003	11 Apr 2024	0021 SW003 240411	AEC A	Mary Creek	Source	Normal	ES2412012	<0.02	<0.02	-	<0.02	0.05	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW004	13 Apr 2017	AB SW04	AEC B	Mary Creek	Source	Normal	ES1709064	0.0015	<0.0005	-	0.0010	0.0168	-	0.0020	-	0.0231	<0.002	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	0.0006	<0.0005	<0.0005	<0.0005		
0021	0021 SW004	13 Apr 2017	TNQA08	AEC B	Mary Creek	Source	Field D	ES1709064	0.0017	<0.0005	-	0.0010	0.0173	-	0.0019	-	0.0249	<0.002	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	0.0006	<0.0005	<0.0005	<0.0005		
0021	0021 SW004	26 Oct 2021	0021 SW004 211026	AEC B	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW004	06 Apr 2022	0021 SW004 220406	AEC B	Mary Creek	Source	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW004	14 Oct 2022	0021 SW004 221014	AEC B	Mary Creek	Source	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW004	21 Apr 2023	0021 SW004 230421	AEC B	Mary Creek	Source	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW004	12 Apr 2024	0021 SW004 240412	AEC B	Mary Creek	Source	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW005	13 Apr 2017	AB SW05	AEC A/B	Mary Creek	Source	Normal	ES1709064	0.0025	<0.0005	-	0.0017	0.0236	-	0.0036	-	0.0448	<0.002	<0.0005	<0.0005	<0.0005	0.0022	<0.0005	0.0010	<0.0005	<0.0005	<0.0005		
0021	0021 SW005	20 Oct 2021	0021 SW005 211020	AEC A/B	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.05	-	<0.02	-	0.07	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02		
0021	0021 SW005	06 Apr 2022	0021 SW005 220406	AEC A/B	Mary Creek	Source	Normal																						

PFAS - Perfluoroalkyl Sulfonic Acids										PFAS - Perfluoroalkyl Carboxylic Acids									
Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluoronanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005	
EQOL				0.13											220				
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems				0.13											220				
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system				2				2							10				
PFAS NEMP 3.0 2020 Recreational Water																			

SPR																												
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																				
0021	0021 SW017	14 Oct 2022	0021 SW017 221014	JBRF	Mary Creek	Source	Normal	ES2237106	0.04	<0.02	-	0.07	5.18	-	0.05	-	1.31	<0.1	<0.02	<0.02	0.02	0.22	<0.02	0.08	0.06	<0.05	<0.02	
0021	0021 SW018	13 Apr 2017	DC SW03	JBRF	Mary Creek	Pathway	Normal	ES1709064	0.0183	<0.0005	-	0.0041	0.0654	-	0.0237	-	0.217	<0.002	<0.0005	<0.0005	0.0011	0.0084	<0.0005	0.0021	<0.0005	<0.0005	<0.0005	
0021	0021 SW018	20 Oct 2021	0021 SW018 211020	JBRF	Mary Creek	Pathway	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.10	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW018	06 Apr 2022	0021 QC106 220406	JBRF	Mary Creek	Pathway	Field D	ES2212442	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW018	06 Apr 2022	0021 SW018 220406	JBRF	Mary Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW018	14 Oct 2022	0021 QC207 221014	JBRF	Mary Creek	Pathway	Interlab D	308187	<0.01	<0.02	-	<0.01	0.02	-	<0.01	-	0.07	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW018	14 Oct 2022	0021 SW018 221014	JBRF	Mary Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW018	21 Apr 2023	0021 SW018 230421	JBRF	Mary Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW018	19 Oct 2023	0021 SW018 231019	JBRF	Mary Creek	Pathway	Normal	ES2336399	<0.02	<0.02	-	<0.02	0.09	-	<0.02	-	0.13	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW019	20 Apr 2017	DC SW04	JBRF	Captains Lagoon	Pathway	Normal	ES1709644	0.460	0.0023	-	0.156	4.27	-	0.129	-	5.23	<0.002	0.0016	<0.0005	0.0252	0.986	0.0016	0.0996	0.0694	<0.0005	<0.0005	
0021	0021 SW019	19 Oct 2021	0021 SW019 211019	JBRF	Captains Lagoon	Pathway	Normal	ES2138639	0.04	<0.02	-	<0.02	0.53	-	0.04	-	0.37	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.01	0.02	<0.05	<0.02	
0021	0021 SW019	05 Apr 2022	0021 QC203 220405	JBRF	Captains Lagoon	Pathway	Interlab D	293031	0.25	<0.02	-	0.16	5.4	-	0.25	-	2.8	0.08	<0.02	<0.05	0.08	0.68	0.01	0.15	0.2	<0.5	<0.1	
0021	0021 SW019	05 Apr 2022	0021 SW019 220405	JBRF	Captains Lagoon	Pathway	Normal	ES2212442	0.25	<0.02	-	0.16	4.57	-	0.23	-	2.60	<0.1	<0.02	<0.02	0.08	0.80	<0.02	0.12	0.15	<0.05	<0.02	
0021	0021 SW019	07 Jul 2022	0021 SW019 220707	JBRF	Captains Lagoon	Pathway	Normal	ES2224473	0.13	<0.02	-	0.14	4.19	-	0.18	-	2.12	<0.1	<0.02	<0.02	0.06	0.34	<0.02	0.11	0.08	<0.05	<0.02	
0021	0021 SW019	13 Oct 2022	0021 SW019 221013	JBRF	Captains Lagoon	Pathway	Normal	ES2237106	0.13	<0.02	-	0.10	2.55	-	0.18	-	2.03	<0.1	<0.02	<0.02	0.06	0.42	<0.02	0.11	0.12	<0.05	<0.02	
0021	0021 SW019	01 Feb 2023	0021 SW019 230201	JBRF	Captains Lagoon	Pathway	Normal	ES2303446	0.25	<0.02	-	0.07	1.25	-	0.28	-	2.51	0.1	<0.02	<0.02	0.08	0.65	<0.02	0.10	0.24	<0.05	<0.02	
0021	0021 SW019	20 Apr 2023	0021 SW019 230420	JBRF	Captains Lagoon	Pathway	Normal	ES2313364	0.24	<0.02	-	0.09	1.92	-	0.30	-	2.58	<0.1	<0.02	<0.02	0.07	0.51	<0.02	0.10	0.15	<0.05	<0.02	
0021	0021 SW019	11 Apr 2024	0021 SW019 240411	JBRF	Captains Lagoon	Pathway	Normal	ES2412012	0.15	<0.02	-	0.05	1.38	-	0.19	-	1.78	<0.1	<0.02	<0.02	0.05	0.32	<0.02	0.06	0.08	<0.05	<0.02	
0021	0021 SW020	13 Apr 2017	DC SW05	JBRF	Flatrock Creek	Pathway	Normal	ES1709064	0.0277	0.0006	-	0.0141	0.297	-	0.0382	-	0.368	<0.002	<0.0005	<0.0005	0.0071	0.0391	<0.0005	0.0153	0.0044	<0.0005	<0.0005	
0021	0021 SW020	20 Oct 2021	0021 SW020 211020	JBRF	Flatrock Creek	Pathway	Normal	ES2138639	0.04	<0.02	-	<0.02	0.14	-	0.04	-	0.32	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW020	06 Apr 2022	0021 SW020 220406	JBRF	Flatrock Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW020	07 Jul 2022	0021 SW020 220707	JBRF	Flatrock Creek	Pathway	Normal	ES2224473	<0.02	<0.02	-	<0.02	0.07	-	<0.02	-	0.12	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW020	14 Oct 2022	0021 SW020 221014	JBRF	Flatrock Creek	Pathway	Normal	ES2237106	0.02	<0.02	-	<0.02	0.44	-	0.04	-	0.46	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.02	0.02	<0.05	<0.02	
0021	0021 SW020	03 Feb 2023	0021 QC205 230203	JBRF	Flatrock Creek	Pathway	Interlab D	961542	0.06	<0.01	<0.01	0.01	0.45 ^{±1}	0.02	0.06 ^{±1}	-	0.54 ^{±1}	<0.05	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	0.03	<0.01	<0.01
0021	0021 SW020	03 Feb 2023	0021 SW020 230203	JBRF	Flatrock Creek	Pathway	Normal	ES2303695	0.05	<0.02	-	<0.02	0.35	-	0.06	-	0.53	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.01	0.02	<0.05	<0.02	
0021	0021 SW020	21 Apr 2023	0021 SW020 230421	JBRF	Flatrock Creek	Pathway	Normal	ES2313364	0.05	<0.02	-	0.02	0.62	-	0.07	-	0.66	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.02	0.03	<0.05	<0.02	
0021	0021 SW020	12 Apr 2024	0021 SW020 240412	JBRF	Flatrock Creek	Pathway	Normal	ES2412012	0.04	<0.02	-	<0.02	0.25	-	0.04	-	0.38	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW020	22 Oct 2024	0021 SW020 241022	JBRF	Flatrock Creek	Pathway	Normal	ES2435078	0.04	<0.02	-	<0.02	0.34	-	0.05	-	0.47	<0.1	<0.02	<0.02	<0.02	0.09	<0.02	0.02	<0.02	<0.05	<0.02	
0021	0021 SW021	13 Apr 2017	DC SW06	JBRF	Captains Lagoon	Pathway	Normal	ES1709064	0.128	0.0038	-	0.0955	0.747	-	0.191	-	0.762	<0.002	0.0039	<0.0005	0.0420	0.229	0.0042	0.0937	0.0261	<0.0005	<0.0005	
0021	0021 SW021	20 Oct 2021	0021 SW021 211020	JBRF	Captains Lagoon	Pathway	Normal	ES2138639	0.14	<0.02	-	0.06	1.02	-	0.19	-	1.66	<0.1	<0.02	<0.02	0.04	0.29	<0.02	0.07	0.07	<0.05	<0.02	
0021	0021 SW021	06 Apr 2022	0021 SW021 220406	JBRF	Captains Lagoon	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.15	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW021	07 Jul 2022	0021 SW021 220707	JBRF	Captains Lagoon	Pathway	Normal	ES2224473	0.03	<0.02	-	0.03	0.65	-	0.04	-	0.45	<0.1	<0.02	<0.02	<0.02	0.08	<0.02	0.02	<0.02	<0.05	<0.02	
0021	0021 SW021	14 Oct 2022	0021 SW021 221014	JBRF	Captains Lagoon	Pathway	Normal	ES2237106	0.03	<0.02	-	0.03	0.79	-	0.04	-	0.64	<0.1	<0.02	<0.02	<0.02	0.14	<0.02	0.03	0.04	<0.05	<0.02	
0021	0021 SW021																											

[illegible]

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFoA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFoA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																												
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																				
0021	0021 SW044	09 Apr 2024	0021 SW044 240409	Mary Creek	Mary Creek	Pathway	Normal	ES2412012	0.02	<0.02	-	0.04	1.23	-	0.04	-	0.67	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021 SW044	28 Oct 2024	0021 SW044 241028	Mary Creek	Mary Creek	Pathway	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.05	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	23 Mar 2018	MC SW03 180323	Mary Creek	Mary Creek	Pathway	Normal	ES1809241	0.0006	<0.0005	-	<0.0005	0.0181	-	0.0010	-	0.0193	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	0.0006	<0.0005	<0.0005	
0021	0021 SW045	30 Apr 2018	MC SW03 180430	Mary Creek	Mary Creek	Pathway	Normal	ES1812871	<0.0020 ^{±2}	<0.0020 ^{±2}	-	<0.0020 ^{±2}	0.0072	-	<0.0020 ^{±2}	-	0.0080	<0.002	<0.0020 ^{±2}	<0.0020 ^{±2}	<0.0020 ^{±2}	<0.0020 ^{±2}	<0.0020 ^{±2}	<0.0020 ^{±2}	<0.0050 ^{±2}	<0.0020 ^{±2}		
0021	0021 SW045	12 May 2022	0021 SW045 220512	Mary Creek	Mary Creek	Pathway	Normal	ES2216861	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	11 Oct 2022	0021 SW045 221011	Mary Creek	Mary Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	18 Apr 2023	0021 SW045 230418	Mary Creek	Mary Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	17 Oct 2023	0021 QC102 231017	Mary Creek	Mary Creek	Pathway	Field D	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	17 Oct 2023	0021 QC202 231017	Mary Creek	Mary Creek	Pathway	Interlab D	335876	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.02	<0.05	<0.1		
0021	0021 SW045	17 Oct 2023	0021 SW045 231017	Mary Creek	Mary Creek	Pathway	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	09 Apr 2024	0021 SW045 240409	Mary Creek	Mary Creek	Pathway	Normal	ES2412012	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW045	23 Oct 2024	0021 SW045 241023	Mary Creek	Mary Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW048	06 Apr 2018	MC SW06 180406	Mary Creek	Mary Creek	Pathway	Normal	ES1810551	<0.0005	<0.0005	-	<0.0005	0.0140	-	0.0006	-	0.0097	<0.002	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
0021	0021 SW048	12 Oct 2022	0021 SW048 221012	Mary Creek	Mary Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.21	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW048	19 Apr 2023	0021 SW048 230419	Mary Creek	Mary Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.18	-	<0.02	-	0.08	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW048	18 Oct 2023	0021 SW048 231017	Mary Creek	Mary Creek	Pathway	Normal	ES2336399	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW048	10 Apr 2024	0021 SW048 240410	Mary Creek	Mary Creek	Pathway	Normal	ES2412012	<0.02	<0.02	-	<0.02	0.03	-	<0.02	-	0.06	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW048	25 Oct 2024	0021 SW048 241025	Mary Creek	Mary Creek	Pathway	Normal	ES2435541	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW051	28 Mar 2018	MC QC109 180328	Wreck Bay	Mary Creek	Receptor	Field D	ES1809328	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
0021	0021 SW051	28 Mar 2018	MC SW09 180328	Wreck Bay	Mary Creek	Receptor	Normal	ES1809328	<0.0005	<0.0005	-	<0.0005	0.0005	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
0021	0021 SW051	12 May 2022	0021 SW051 220512	Wreck Bay	Mary Creek	Receptor	Normal	ES2216861	<0.02	<0.02	-	<0.02	0.25	-	<0.02	-	0.10	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW051	23 Oct 2024	0021 SW051 241023	Wreck Bay	Mary Creek	Receptor	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW052	20 Mar 2018	MC SW10 180320	Mary Creek	Mary Creek	Receptor	Normal	ES1808818	<0.0005	<0.0005	-	<0.0005	0.0014	-	<0.0005	-	0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
0021	0021 SW052	28 Mar 2018	MC SW10 180328	Mary Creek	Mary Creek	Receptor	Normal	ES1809328	0.0202	<0.0005	-	0.0344	0.902	-	0.0521	-	0.659	<0.002	<0.0005	<0.0005	0.0045	0.0320	<0.0005	0.0232	0.0027	<0.0005	<0.0005	
0021	0021 SW052	12 May 2022	0021 SW052 220512	Mary Creek	Mary Creek	Receptor	Normal	ES2216861	<0.02	<0.02	-	<0.02	0.47	-	<0.02	-	0.20	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW052	12 Oct 2022	0021 SW052 221012	Mary Creek	Mary Creek	Receptor	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW052	18 Apr 2023	0021 SW052 230418	Mary Creek	Mary Creek	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.30	-	<0.02	-	0.11	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW052	17 Oct 2023	0021 SW052 231017	Mary Creek	Mary Creek	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW052	09 Apr 2024	0021 SW052 240409	Mary Creek	Mary Creek	Receptor	Normal	ES2412012	<0.02	<0.02	-	0.03	<0.01	-	<0.02	-	0.35	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.01	<0.02	<0.05	<0.02
0021	0021 SW052	23 Oct 2024	0021 SW052 241023	Mary Creek	Mary Creek	Receptor	Normal	ES2435078	<0.02	<0.02	-	<0.02	0.06	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	
0021	0021 SW053	30 Apr 2018	MC SW11 180430	Mary Creek	Mary Creek	Pathway	Normal	ES1812871	0.174	0.0024	-	0.145	2.36	-	0.385	-	4.23	<0.002	<0.0020 ^{±2}	<0.0020 ^{±2}	0.0448	0.176	<0.0020 ^{±2}	0.135	0.0112	<0.0050 ^{±2}	<0.0020 ^{±2}	
0021	0021 SW053	12 May 2022	0021 SW053 220512	Mary Creek	Mary Creek	Pathway	Normal	ES2216861	<0.02	<0.02	-	0.03	1.25	-	0.03	-	0.44	<0.1	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	0.02	<0.02	<0.05	<0.02
0021	0021 SW053	11 Oct 2022	0021 SW053 221011	Mary Creek	Mary Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.75	-	<0.02	-	0.26	<0.1	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	0.02	<0.02	<0.05	<0.02
0021																												

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
EQL	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 SW060	10 Apr 2024	0021 SW060 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW060	25 Oct 2024	0021 SW060 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	21 Oct 2021	0021 SW062 211021	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	07 Apr 2022	0021 SW062 220407	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	12 Oct 2022	0021 SW062 221012	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	19 Apr 2023	0021 SW062 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	16 Oct 2023	0021 SW062 231016	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	08 Apr 2024	0021 SW062 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW062	23 Oct 2024	0021 SW062 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	20 Mar 2018	TC SW05 180320	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES1808818	0.0007	<0.0005	-	<0.0005	0.0199	-	0.0007	-	0.0201	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	0.0019	<0.0005	0.0005	<0.0005	<0.0005
0021	0021 SW064	21 Oct 2021	0021 SW064 211021	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	04 Apr 2022	0021 SW064 220404	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	12 Oct 2022	0021 QC204 221012	Telegraph Creek	Telegraph Creek	Pathway	Interlab D	308187	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW064	12 Oct 2022	0021 SW064 221012	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	19 Apr 2023	0021 QC107 230419	Telegraph Creek	Telegraph Creek	Pathway	Field D	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	19 Apr 2023	0021 QC207 230419	Telegraph Creek	Telegraph Creek	Pathway	Interlab D	321517	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW064	19 Apr 2023	0021 SW064 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	08 Apr 2024	0021 SW064 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW064	23 Oct 2024	0021 SW064 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	21 Oct 2021	0021 QC211 211021	Telegraph Creek	Telegraph Creek	Receptor	Interlab D	281322	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW068	21 Oct 2021	0021 SW068 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	07 Apr 2022	0021 QC207 220407	Telegraph Creek	Telegraph Creek	Receptor	Interlab D	293031	<0.01	<0.02	-	<0.01	0.02	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW068	07 Apr 2022	0021 SW068 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2212442	<0.02	<0.02	-	<0.02	0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	12 Oct 2022	0021 SW068 221012	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	17 Apr 2023	0021 SW068 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	16 Oct 2023	0021 SW068 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	10 Apr 2024	0021 SW068 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW068	25 Oct 2024	0021 SW068 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW069	26 Mar 2018	TC SW10 180326	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES1809241	<0.0005	<0.0005	-	<0.0005	<0.0003	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021 SW069	21 Oct 2021	0021 SW069 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW069	07 Apr 2022	0021 QC109 220407	Telegraph Creek	Telegraph Creek	Receptor	Field D	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW069	07 Apr 2022	0021 SW069 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	ES2212442	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	&										

		PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
		Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoronanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
EQL		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems						0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system						0.13											220			
PFAS NEMP 3.0 2020 Recreational Water						2				2							10			

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 SW080	11 Feb 2019	UN2 SW05 190211	Unnamed Water Body	Clay Pools	Receptor	Normal	ES1904669	<0.0005	<0.0005	-	<0.0005	0.0247	-	<0.0005	-	0.0223	<0.002	<0.0005	<0.0005	<0.0005	0.0036	<0.0005	0.0006	<0.0005	<0.0005	<0.0005
0021	0021 SW080	18 Mar 2019	UN2 SW05 190318	Unnamed Water Body	Clay Pools	Receptor	Normal	ES1908940	<0.0005	<0.0005	-	<0.0005	0.0038	-	<0.0005	-	0.0030	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
0021	0021 SW080	12 Oct 2022	0021 SW080 221012	Unnamed Water Body	Clay Pools	Receptor	Normal	ES2237106	<0.02	<0.02	-	<0.02	0.03	-	<0.02	-	0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	19 Apr 2023	0021 SW080 230419	Unnamed Water Body	Clay Pools	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	17 Oct 2023	0021 QC108 231017	Unnamed Water Body	Clay Pools	Receptor	Field D	ES2336399	<0.02	<0.02	-	<0.02	0.03	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	17 Oct 2023	0021 QC208 231017	Unnamed Water Body	Clay Pools	Receptor	Interlab D	335876	<0.01	<0.02	-	<0.01	0.02	-	<0.01	-	0.02	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW080	17 Oct 2023	0021 SW080 231017	Unnamed Water Body	Clay Pools	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	0.04	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	10 Apr 2024	0021 QC109 240410	Unnamed Water Body	Clay Pools	Receptor	Field D	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	10 Apr 2024	0021 QC209 240410	Unnamed Water Body	Clay Pools	Receptor	Interlab D	348825	<0.01	<0.02	-	<0.01	<0.01	-	<0.01	-	<0.01	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.02	<0.5	<0.1	
0021	0021 SW080	10 Apr 2024	0021 SW080 240410	Unnamed Water Body	Clay Pools	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW080	23 Oct 2024	0021 SW080 241023	Unnamed Water Body	Clay Pools	Receptor	Normal	ES2435078	<0.02	<0.02	-	<0.02	0.02	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	19 Mar 2018	UN3 SW03 180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES1808818	0.0005	<0.0005	-	0.0005	0.0109	-	0.0008	-	0.0086	<0.002	<0.0005	<0.0005	<0.0005	0.0016	<0.0005	0.0008	<0.0005	<0.0005	<0.0005
0021	0021 SW083	17 May 2018	UN3 SW03 180517	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES1814324	<0.0005	<0.0005	-	<0.0005	0.0032	-	<0.0005	-	0.0068	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 SW083	22 Oct 2021	0021 SW083 211022	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2138639	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	10 Oct 2022	0021 SW083 221010	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	18 Apr 2023	0021 SW083 230418	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	17 Oct 2023	0021 SW083 231017	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	09 Apr 2024	0021 SW083 240409	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW083	25 Oct 2024	0021 SW083 241025	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW085	28 Mar 2018	UN3 SW05 180328	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES1809328	<0.0005	<0.0005	-	<0.0005	0.0006	-	<0.0005	-	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
0021	0021 SW085	12 Oct 2022	0021 SW085 221012	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2237106	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW085	18 Apr 2023	0021 SW085 230418	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2313364	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW085	17 Oct 2023	0021 SW085 231017	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2336399	<0.02	<0.02	-	<0.02	0.01	-	<0.02	-	0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW085	09 Apr 2024	0021 SW085 240409	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2412012	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW085	23 Oct 2024	0021 SW085 241023	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW110	04 Aug 2020	0021 QC101 200804	AEC A	Mary Creek	Source	Field D	ES2027217	0.0041	<0.0005	-	0.0049	0.148	-	0.0072	-	0.117	0.002	<0.0005	<0.0005	0.0020	0.0178	<0.0005	0.0040	0.0040	<0.0005	<0.0005
0021	0021 SW110	04 Aug 2020	0021 QC201 200804	AEC A	Mary Creek	Source	Interlab D	736971	0.005	<0.001	-	0.006	0.12	0.002	0.008	<0.001	0.004	<0.005	<0.001	<0.001	0.001	0.013	<0.001	0.003	0.003	<0.001	<0.001
0021	0021 SW110	04 Aug 2020	0021 SW110 200804	AEC A	Mary Creek	Source	Normal	ES2027217	0.0053	<0.0016 ^{zz}	-	0.0046	0.147	-	0.0091	-	0.108	<0.002	<0.0016 ^{zz}	<0.0016 ^{zz}	0.0016	0.0176	<0.0016 ^{zz}	0.0037	0.0054	<0.0016 ^{zz}	<0.0016 ^{zz}
0021	0021 SW110	10 Aug 2020	0021 QC109 200810	AEC A	Mary Creek	Source	Field D	ES2028286	0.0272	0.0015	-	0.0366	1.37	-	0.0397	-	0.546	<0.002	0.0005	<0.0005	0.0118	0.108	0.0015	0.0437	0.0235	<0.0005	<0.0005
0021	0021 SW110	10 Aug 2020	0021 QC209 200810	AEC A	Mary Creek	Source	Interlab D	737847	0.019	<0.001	-	0.053	1.0	0.008	0.030	<0.001	0.66	0.007	<0.001	<0.001	0.014	0.076	0.001	0.026 ^{z1}	0.021	<0.001	<0.001
0021	0021 SW110	10 Aug 2020	0021 SW110 200810	AEC A	Mary Creek	Source	Normal	ES2028286	0.0275	<0.0005	-	0.0339	1.25	-	0.0381	-	0.530	<0.002	0.0005	<0.0005	0.0122	0.105	0.0013	0.0368	0.0253	<0.0005	<0.0005
0021	0021 SW110	19 Oct 2021	0021 SW110 211019	AEC A	Mary Creek	Source	Normal	ES2138639	<0.02	<0.02	-	<0.02	0.16	-	<0.02	-	0.05	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW110	22 Nov 2021	0021 QC100 211122	AEC A	Mary Creek	Source																					

PFAS - Perfluoroalkyl Sulfonic Acids										PFAS - Perfluoroalkyl Carboxylic Acids									
Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)		Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFHA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTriDA)
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQI																			
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																			
PFAS NEMP 3.0 2020 Recreational Water																			
	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
				0.13												220			
				0.13												220			
				2				2								10			

SPR																														
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																						
0021	0021 SW127	18 Oct 2023	0021 SW127 231018	AEC B	Mary Creek	Source	Normal	ES2336399	0.13	<0.02	-	0.18	7.25	-	0.21	-	2.24	<0.1	<0.02	<0.02	0.05	0.37	<0.02	0.12	0.08	<0.05	<0.02			
0021	0021 SW127	10 Apr 2024	0021 SW127 240410	AEC B	Mary Creek	Source	Normal	ES2412012	0.13	<0.02	-	0.10	3.26	-	0.19	-	2.64	<0.1	<0.02	<0.02	0.04	0.32	<0.02	0.09	0.04	<0.05	<0.02			
0021	0021 SW130	24 Jun 2020	JBRF-A-SW03-200624	AEC A	Mary Creek	Source	Normal	727660	0.12	<0.01	-	0.15 ^{#1}	3.3 ^{#1}	0.04	0.24 ^{#1}	<0.01 ^{#1}	2.7 ^{#1}	<0.05	<0.01	<0.01	0.05	0.36	<0.01	0.09 ^{#1}	0.04	<0.01	<0.01			
0021	0021 SW130	09 Sep 2020	0021 QC222 200909	AEC A	Mary Creek	Source	Interlab D	743330	0.045	0.002	-	0.057	1.9	0.020	0.093	0.004	0.98	0.006	<0.001	<0.001	0.010 ^{#1}	0.082 ^{#1}	<0.001 ^{#1}	0.028 ^{#1}	0.009	<0.001	<0.001			
0021	0021 SW130	09 Sep 2020	0021 SW130 200909	AEC A	Mary Creek	Source	Normal	ES2031960	0.0477	0.0040	-	0.0698	1.87	-	0.112	-	1.30	0.006	0.0006	<0.0005	0.0157	0.124	0.0012	0.0410	0.0114	<0.0005	<0.0005			
0021	0021 SW130	19 Oct 2021	0021 SW130 211019	AEC A	Mary Creek	Source	Normal	ES2138639	0.15	<0.02	-	0.22	4.82	-	0.28	-	3.36	<0.1	<0.02	<0.02	0.07	0.64	<0.02	0.12	0.10	<0.05	<0.02			
0021	0021 SW130	22 Nov 2021	0021 QC200 211122	AEC A	Mary Creek	Source	Interlab D	845848	0.06	<0.01	-	0.10 ^{#1}	2.6 ^{#1}	0.02	0.07 ^{#1}	<0.01	1.2 ^{#1}	0.06	<0.01	<0.01	0.03 ^{#1}	0.28	<0.01	0.08 ^{#1}	0.04	<0.01	<0.01			
0021	0021 SW130	22 Nov 2021	0021 SW130 211122	AEC A	Mary Creek	Source	Normal	ES2142514	0.10	<0.02	-	0.10	2.74	-	0.12	-	1.55	<0.1	<0.02	<0.02	0.04	0.35	<0.02	0.10	0.04	<0.05	<0.02			
0021	0021 SW130	05 Apr 2022	0021 SW130 220405	AEC A	Mary Creek	Source	Normal	ES2212442	0.07	<0.02	-	0.09	2.49	-	0.08	-	1.07	<0.1	<0.02	<0.02	0.02	0.24	<0.02	0.07	0.04	<0.05	<0.02			
0021	0021 SW130	13 Oct 2022	0021 QC206 221013	AEC A	Mary Creek	Source	Interlab D	308187	0.04	<0.02	-	0.08	2.2	-	0.07	-	0.96	0.02	<0.02	<0.05	0.02	0.16	<0.01	0.07	0.03	<0.5	<0.1			
0021	0021 SW130	13 Oct 2022	0021 SW130 221013	AEC A	Mary Creek	Source	Normal	ES2237106	0.04	<0.02	-	0.08	2.13	-	0.07	-	1.08	<0.1	<0.02	<0.02	0.02	0.16	<0.02	0.07	0.03	<0.05	<0.02			
0021	0021 SW130	20 Apr 2023	0021 QC106 230420	AEC A	Mary Creek	Source	Field D	ES2313364	0.02	<0.02	-	<0.02	0.46	-	0.04	-	0.38	<0.1	<0.02	<0.02	<0.02	0.06	<0.02	0.02	0.05	<0.05	<0.02			
0021	0021 SW130	20 Apr 2023	0021 QC206 230420	AEC A	Mary Creek	Source	Interlab D	321517	0.04	<0.02	-	0.03	0.57	-	0.04	-	0.40	0.05	<0.02	<0.05	<0.01	0.14	<0.01	0.03	0.06	<0.5	<0.1			
0021	0021 SW130	20 Apr 2023	0021 SW130 230420	AEC A	Mary Creek	Source	Normal	ES2313364	0.02	<0.02	-	<0.02	0.50	-	0.04	-	0.39	<0.1	<0.02	<0.02	<0.02	0.07	<0.02	0.02	0.05	<0.05	<0.02			
0021	0021 SW130	18 Oct 2023	0021 QC109 231018	AEC A	Mary Creek	Source	Field D	ES2336399	0.04	<0.02	-	<0.02	0.65	-	0.05	-	0.52	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.02	0.02	<0.05	<0.02			
0021	0021 SW130	18 Oct 2023	0021 QC209 231018	AEC A	Mary Creek	Source	Interlab D	335876	0.05	<0.02	-	0.03	0.76	-	0.06	-	0.63	0.02	<0.02	<0.05	0.01	0.13	<0.01	0.02	0.03	<0.5	<0.1			
0021	0021 SW130	18 Oct 2023	0021 SW130 231018	AEC A	Mary Creek	Source	Normal	ES2336399	0.04	<0.02	-	0.02	0.62	-	0.04	-	0.44	<0.1	<0.02	<0.02	<0.02	0.10	<0.02	0.02	0.02	<0.05	<0.02			
0021	0021 SW130	11 Apr 2024	0021 SW130 240411	AEC A	Mary Creek	Source	Normal	ES2412012	0.04	<0.02	-	0.03	0.89	-	0.06	-	0.81	<0.1	<0.02	<0.02	<0.02	0.11	<0.02	0.03	<0.02	<0.05	<0.02			
0021	0021 SW130	25 Oct 2024	0021 SW130 241025	AEC A	Mary Creek	Source	Normal	ES2435541	0.66	<0.02	-	1.58	4.58	-	2.09	-	16.2	<0.1	<0.02	<0.02	<0.02	0.33	1.12	<0.02	1.42	0.23	<0.05	<0.02		
0021	0021 SW153	31 Aug 2021	0021 SW153 210831	AEC B	Mary Creek	Source	Normal	ES2131665	0.25	<0.02	-	0.20	4.64	-	0.38	-	4.27	<0.1	<0.02	<0.02	0.08	0.66	<0.02	0.19	0.11	<0.05	<0.02			
0021	0021 SW153	11 Nov 2021	0021 QC121 211111	AEC B	Mary Creek	Source	Field D	EW2104861	0.32	0.03	-	0.38	14.6	-	0.34	-	6.67	<0.1	<0.02	<0.02	0.10	1.09	<0.02	0.26	0.17	<0.05	<0.02			
0021	0021 SW153	11 Nov 2021	0021 SW153 2111112211	AEC B	Mary Creek	Source	Normal	EW2104861	0.39	<0.02	-	0.39	14.7	-	0.50	-	6.30	<0.1	<0.02	<0.02	0.11	1.03	<0.02	0.27	0.18	<0.05	<0.02			
0021	0021 SW153	11 Nov 2021	0021 SW153 2111112313	AEC B	Mary Creek	Source	Normal	EW2104861	0.16	<0.02	-	0.14	7.02	-	0.20	-	2.33	<0.1	<0.02	<0.02	0.04	0.43	<0.02	0.11	0.07	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 QC122 211112	AEC B	Mary Creek	Source	Field D	EW2104861	0.09	<0.02	-	0.09	3.73	-	0.11	-	1.75	<0.1	<0.02	<0.02	0.03	0.32	<0.02	0.07	0.06	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 QC221 211112	AEC B	Mary Creek	Source	Interlab D	844059	0.05	<0.01	-	0.07 ^{#1}	3.1 ^{#1}	0.01	0.08 ^{#1}	0.01 ^{#1}	1.1 ^{#1}	<0.05	<0.01	<0.01	0.02 ^{#1}	0.20 ^{#1}	<0.01	0.05	0.03	<0.01	<0.01			
0021	0021 SW153	12 Nov 2021	0021 QC222 211112	AEC B	Mary Creek	Source	Interlab D	844059	0.06	<0.01	-	0.11 ^{#1}	3.8 ^{#1}	0.02	0.11 ^{#1}	0.02 ^{#1}	1.8 ^{#1}	<0.05	<0.01	<0.01	0.03 ^{#1}	0.28 ^{#1}	<0.01	0.08	0.05	<0.01	<0.01			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120014	AEC B	Mary Creek	Source	Normal	EW2104861	0.17	<0.02	-	0.13	7.17	-	0.23	-	2.76	<0.1	<0.02	<0.02	0.05	0.53	<0.02	0.12	0.09	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120115	AEC B	Mary Creek	Source	Normal	EW2104861	0.16	<0.02	-	0.14	6.12	-	0.22	-	2.47	<0.1	<0.02	<0.02	0.04	0.48	<0.02	0.12	0.09	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120216	AEC B	Mary Creek	Source	Normal	EW2104861	0.17	<0.02	-	0.13	5.20	-	0.22	-	2.52	<0.1	<0.02	<0.02	0.04	0.49	<0.02	0.11	0.09	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120317	AEC B	Mary Creek	Source	Normal	EW2104861	0.16	<0.02	-	0.13	3.80	-	0.19	-	2.17	<0.1	<0.02	<0.02	0.04	0.43	<0.02	0.10	0.08	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120418	AEC B	Mary Creek	Source	Normal	EW2104861	0.13	<0.02	-	0.10	3.43	-	0.18	-	2.08	<0.1	<0.02	<0.02	0.03	0.38	<0.02	0.09	0.07	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120520	AEC B	Mary Creek	Source	Normal	EW2104861	0.13	<0.02	-	0.11	3.45	-	0.18	-	2.09	<0.1	<0.02	<0.02	0.04	0.41	<0.02	0.09	0.07	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120621	AEC B	Mary Creek	Source	Normal	EW2104861	0.13	<0.02	-	0.11	3.62	-	0.18	-	2.09	<0.1	<0.02	<0.02	0.04	0.40	<0.02	0.09	0.07	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120722	AEC B	Mary Creek	Source	Normal	EW2104861	0.13	<0.02	-	0.09	3.40	-	0.16	-	1.94	<0.1	<0.02	<0.02	0.03	0.35	<0.02	0.08	0.06	<0.05	<0.02			
0021	0021 SW153	12 Nov 2021	0021 SW153 211120823	AEC B	Mary Creek	Source	Normal	EW2104861	0.10	<0.02	-	0.08	2.81	-	0.13	-	1.51	<0.1	<0.02	<0.02	0.03	0.28	<0.02	0.07	0.05	<0.05	<0.02			

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids									
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDaDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTTDA)
EQL	0.0004	0.0005	0.01	0.0005	0.0001	0.001	0.0005	0.001	0.0002	0.002	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0005	0.0005	0.0005
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems					0.13											220			
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system					0.13											220			
PFAS NEMP 3.0 2020 Recreational Water					2				2							10			

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																			
0021	0021 SW153	12 May 2022	0021 SW153 2205120953	AEC B	Mary Creek	Source	Normal	ES2216861	0.03	<0.02	-	0.04	1.63	-	0.06	-	0.80	<0.1	<0.02	<0.02	<0.02	0.12	<0.02	0.04	0.02	<0.05	<0.02
0021	0021 SW153	12 May 2022	0021 SW153 2205121054	AEC B	Mary Creek	Source	Normal	ES2216861	0.04	<0.02	-	0.05	1.74	-	0.06	-	0.88	<0.1	<0.02	<0.02	0.02	0.13	<0.02	0.04	0.02	<0.05	<0.02
0021	0021 SW153	12 May 2022	0021 SW153 2205121155	AEC B	Mary Creek	Source	Normal	ES2216861	0.05	<0.02	-	0.06	2.07	-	0.06	-	0.97	<0.1	<0.02	<0.02	0.02	0.15	<0.02	0.05	0.02	<0.05	<0.02
0021	0021 SW153	12 May 2022	0021 SW153 2205121257	AEC B	Mary Creek	Source	Normal	ES2216861	0.05	<0.02	-	0.05	1.90	-	0.07	-	0.91	<0.1	<0.02	<0.02	0.02	0.14	<0.02	0.05	0.02	<0.05	<0.02
0021	0021 SW153	12 May 2022	0021 SW153 2205121358	AEC B	Mary Creek	Source	Normal	ES2216861	0.04	<0.02	-	0.06	2.14	-	0.07	-	0.91	<0.1	<0.02	<0.02	0.02	0.14	<0.02	0.05	0.02	<0.05	<0.02
0021	0021 SW153	12 May 2022	0021 SW153 2205121459	AEC B	Mary Creek	Source	Normal	ES2216861	0.04	<0.02	-	0.05	2.03	-	0.06	-	0.89	<0.1	<0.02	<0.02	0.02	0.14	<0.02	0.05	0.02	<0.05	<0.02
0021	0021 SW153	12 Oct 2022	0021 SW153 221012	AEC B	Mary Creek	Source	Normal	ES2237106	0.11	<0.02	-	0.13	3.71	-	0.19	-	2.19	<0.1	<0.02	<0.02	0.05	0.36	<0.02	0.12	0.07	<0.05	<0.02
0021	0021 SW153	20 Apr 2023	0021 QC112 230420	AEC B	Mary Creek	Source	Field D	ES2313364	0.20	<0.02	-	0.15	4.54	-	0.27	-	2.96	<0.1	<0.02	<0.02	0.07	0.49	<0.02	0.14	0.10	<0.05	<0.02
0021	0021 SW153	20 Apr 2023	0021 QC212 230420	AEC B	Mary Creek	Source	Interlab D	321517	0.18	<0.02	-	0.18	4.7	-	0.30	-	3.5	0.05	<0.02	<0.05	0.06	0.54	<0.01	0.15	0.1	<0.5	<0.1
0021	0021 SW153	20 Apr 2023	0021 SW153 230420	AEC B	Mary Creek	Source	Normal	ES2313364	0.11	<0.02	-	0.14	4.01	-	0.31	-	3.34	<0.1	<0.02	<0.02	0.07	0.28	<0.02	0.12	0.09	<0.05	<0.02
0021	0021 SW153	18 Oct 2023	0021 QC107 231018	AEC B	Mary Creek	Source	Field D	ES2336399	0.10	<0.02	-	0.05	1.28	-	0.16	-	1.44	<0.1	<0.02	<0.02	0.03	0.28	<0.02	0.06	0.04	<0.05	<0.02
0021	0021 SW153	18 Oct 2023	0021 QC207 231018	AEC B	Mary Creek	Source	Interlab D	335876	0.14	<0.02	-	0.08	1.4	-	0.19	-	1.7	0.05	<0.02	<0.05	0.04	0.38	<0.01	0.09	0.08	<0.5	<0.1
0021	0021 SW153	18 Oct 2023	0021 SW153 231018	AEC B	Mary Creek	Source	Normal	ES2336399	0.09	<0.02	-	0.06	1.47	-	0.15	-	1.29	<0.1	<0.02	<0.02	0.03	0.26	<0.02	0.06	0.05	<0.05	<0.02
0021	0021 SW153	10 Apr 2024	0021 SW153 240410	AEC B	Mary Creek	Source	Normal	ES2412012	0.12	<0.02	-	0.10	3.62	-	0.19	-	2.62	<0.1	<0.02	<0.02	0.04	0.30	<0.02	0.08	0.04	<0.05	<0.02
0021	0021 SW188	21 Dec 2022	0021 SW188 221221	Summercloud Creek	Summercloud Creek	Receptor	Normal	EW2205954	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	0.03	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW188	24 Oct 2024	0021 SW188 241024	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2435541	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW211	23 Oct 2024	0021 SW211 241023	Wreck Bay	Mary Creek	Receptor	Normal	ES2435078	<0.02	<0.02	-	<0.02	<0.01	-	<0.02	-	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02
0021	0021 SW212	25 Oct 2024	0021 SW212 241025	Bherwerre Barrier	Bherwerre Barrier	Receptor	Normal	ES2435541	<0.0005	-	-	-	0.0048	-	-	-	0.0017	<0.002	-	-	<0.0005	<0.0005	-	<0.0005	<0.0005	-	-

Comments

#1 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.

#2 Reported Analyte LOR is higher than Requested Analyte LOR

	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums					
	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + 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	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQI	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																		
																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0020	0020 MW001	08 May 2017	MW001	HMAS Creswell	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0963	0.0904	-	0.0835	-
0020	0020 MW001	12 Apr 2022	0020 MW001 220412	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0020	0020 MW001	10 Oct 2022	0020 MW001 221010	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW001	30 Jan 2023	0020 QC201 230131	HMAS Creswell	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	0.01	0.03	0.03
0020	0020 MW001	31 Jan 2023	0020 MW001 230131	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-
0020	0020 MW007	11 Apr 2018	0020 MW007 180411	HMAS Creswell	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.322	0.304	-	0.254	-
0020	0020 MW007	15 Oct 2021	0020 MW007 211015	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10	-
0020	0020 MW007	15 Oct 2021	0020 QC100 211015	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	0.06	-
0020	0020 MW007	04 Apr 2022	0020 MW007 220404	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.16	0.16	-	0.16	-
0020	0020 MW007	10 Oct 2022	0020 MW007 221010	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.62	0.62	-	0.59	-
0020	0020 MW007	31 Jan 2023	0020 MW007 230131	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.50	0.47	-	0.44	-
0020	0020 MW007	17 Apr 2023	0020 MW007 230417	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.80	0.72	-	0.65	-
0020	0020 MW007	16 Oct 2023	0020 MW007 231016	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	0.19	-	0.19	-
0020	0020 MW007	08 Apr 2024	0020 MW007 240408	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.28	0.28	-	0.25	-
0020	0020 MW008	12 Apr 2022	0020 MW008 220412	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW008	10 Oct 2022	0020 MW008 221010	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020 MW012	17 Apr 2023	0020 MW012 230417	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.79	8.52	-	8.00	-
0020	0020 MW012	16 Oct 2023	0020 MW012 231016	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.05	5.92	-	5.62	-
0020	0020 MW012	08 Apr 2024	0020 MW012 240408	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.97	8.77	-	8.48	-
0020	0020 MW012	08 Apr 2024	0020 QC101 240408	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.10	8.92	-	8.61	-
0020	0020 MW012	08 Apr 2024	0020 QC201 240408	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	8.3	-	6.6	7.9	-
0020	0020 MW012	21 Oct 2024	0020 MW012 241021	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.29	6.09	-	5.71	-
0020	0020 MW012	21 Oct 2024	0020 QC100 241021	HMAS Creswell	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.66	5.47	-	5.12	-
0020	0020 MW012	21 Oct 2024	0020 QC200 241021	HMAS Creswell	Captains Lagoon	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	8.31	8.09	6.11	7.7	7.81
0020	0020 MW012A	10 Apr 2018	0020 MW12 180410	AEC G	Captains Lagoon	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	5.88	5.58	-	5.23	-
0020	0020 MW012A	03 May 2018	0020 MW12 180503	AEC G	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.80	5.65	-	5.30	-
0020	0020 MW012A	15 Oct 2021	0020 MW012 211015	AEC G	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.39	6.20	-	5.84	-
0020	0020 MW012A	04 Apr 2022	0020 MW012 220404	AEC G	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	4.50	4.44	-	4.09	-
0020	0020 MW012A	10 Oct 2022	0020 MW012 221010	AEC G	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.65	5.52	-	5.11	-
0020	0020 MW012A	30 Jan 2023	0020 MW012A 230130	AEC G	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.59	7.41	-	6.97	-
0020	0020 MW017	01 May 2017	MW017	HMAS Creswell	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	1.91	1.74	-	1.57	-
0020	0020 MW017	15 Oct 2021	0020 MW017 211015	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.05	<0.05	<0.05	1.32	1.26	-	1.09	-
0020	0020 MW017	04 Apr 2022	0020 MW017 220404	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.49	1.42	-	1.28	-
0020	0020 MW017	11 Oct 2022	0020 MW017 221011	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.09	1.09	-	0.99	-
0020	0020 MW017	01 Feb 2023	0020 MW017 230201	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.69	1.62	-	1.40	-
0020	0020 MW017	17 Apr 2023	0020 MW017 230417	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.16	2.08	-	1.83	-
0020	0020 MW017	17 Apr 2023	0020 QC104 230417	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.78	1.72	-	1.53	-
0020	0020 MW017	17 Apr 2023	0020 QC204 230417	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	1.6	-	0.97	1.4	-
0020	0020 MW017	16 Oct 2023	0020 MW017 231016	HMAS Creswell	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.99	0.99	-	0.86	-
0																								

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQI	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0020	0020 MW102D	04 Apr 2022	0020 MW102 220404	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.59	0.55	-	0.44	-
0020	0020 MW102D	10 Oct 2022	0020 MW102 221010	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.36	0.36	-	0.33	-
0020	0020 MW102D	10 Oct 2022	0020 QC201 221010	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.39	-	0.15	0.33	-
0020	0020 MW102D	17 Apr 2023	0020 MW102D 230417	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.59	0.56	-	0.49	-
0020	0020 MW102D	16 Oct 2023	0020 MW102D 231016	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.27	0.27	-	0.25	-
0020	0020 MW102D	16 Oct 2023	0020 QC100 231016	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.33	0.33	-	0.31	-
0020	0020 MW102D	16 Oct 2023	0020 QC200 231016	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.37	-	0.11	0.29	-
0020	0020 MW102D	08 Apr 2024	0020 MW102D 240408	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.93	1.85	-	1.59	-
0020	0020 MW102D	22 Oct 2024	0020 MW102D 241022	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.34	0.32	-	0.30	-
0020	0020 MW102D	22 Oct 2024	0020 QC253 241022	Captains Lagoon	Captains Lagoon	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.48	0.44	0.16	0.39	0.39
0020	0020 MW102S	22 Oct 2024	0020 MW102S 241022	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.27	0.27	-	0.25	-
0020	0020 MW104	10 Apr 2018	CL MW04 180410	Captains Lagoon	Captains Lagoon	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0070	0.0062	-	0.0062	-
0020	0020 MW104	22 Oct 2024	0020 MW104 241022	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020 MW104	22 Oct 2024	0020 QC153 241022	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020 MW105	10 Apr 2018	CL MW05 180410	Captains Lagoon	Captains Lagoon	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.0003	-	<0.0003	-
0020	0020 MW105	15 Oct 2021	0020 MW105 211015	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW105	04 Apr 2022	0020 MW105 220404	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW105	10 Oct 2022	0020 MW105 221010	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020 MW105	17 Apr 2023	0020 MW105 230417	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW105	16 Oct 2023	0020 MW105 231016	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW105	08 Apr 2024	0020 MW105 240408	Captains Lagoon	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020 MW108	01 May 2017	E MW03	AEC E	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.294	0.266	-	0.236	-
0020	0020 MW108	13 Apr 2022	0020 MW108 220413	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.03	2.92	-	1.66	-
0020	0020 MW108	10 Oct 2022	0020 MW108 221010	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.79	1.76	-	1.50	-
0020	0020 MW108	10 Oct 2022	0020 QC100 221010	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.60	1.57	-	1.34	-
0020	0020 MW108	10 Oct 2022	0020 QC200 221010	AEC E	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.7	1.64	0.9	1.4	1.43
0020	0020 MW108	31 Jan 2023	0020 MW108 230131	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.87	1.83	-	1.60	-
0020	0020 MW109	01 May 2017	E MW04	AEC E	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.449	0.413	-	0.374	-
0020	0020 MW109	03 May 2018	E MW04 180503	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.23	6.09	-	5.76	-
0020	0020 MW109	15 Oct 2021	0020 MW109 211015	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.17	<0.05	<0.05	1.45	1.37	-	1.10	-
0020	0020 MW109	04 Apr 2022	0020 MW109 220404	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.04	1.01	-	0.83	-
0020	0020 MW109	04 Apr 2022	0020 QC100 220404	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.00	0.97	-	0.81	-
0020	0020 MW109	04 Apr 2022	0020 QC200 220404	AEC E	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	1.2	-	0.65	0.95	-
0020	0020 MW109	11 Oct 2022	0020 MW109 221011	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.29	1.27	-	1.06	-
0020	0020 MW109	31 Jan 2023	0020 MW109 230131	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.55	1.48	-	1.20	-
0020	0020 MW109	31 Jan 2023	0020 QC101 230131	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.60	1.55	-	1.26	-
0020	0020 MW109	17 Apr 2023	0020 MW109 230417	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.43	2.30	-	1.96	-
0020	0020 MW109	16 Oct 2023	0020 MW109 231016	AEC E	Flatrock Creek																			

	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EOL	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

	PFAS - Perfluoroalkyl Sulfonamide									PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR	Classification																			
0020	0020 SW022	10 Oct 2022	0020 SW022 221010	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.51	<0.05	<0.05	4.96	4.84	-	3.95	-		
0020	0020 SW022	17 Apr 2023	0020 QC102 230417	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	6.16	5.94	-	5.40	-			
0020	0020 SW022	17 Apr 2023	0020 QC202 230417	AEC F	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	0.03	<0.02	<0.02	6.0	-	3.6	5.2	-		
0020	0020 SW022	18 Apr 2023	0020 SW022 230417	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.23	6.00	-	5.43	-		
0020	0020 SW022	08 Apr 2024	0020 SW022 240408	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.32	3.19	-	2.91	-		
0020	0020 SW023	10 Apr 2017	F SW02	AEC F	Flatrock Creek	Pathway	0.0027	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0600	-	<0.001	0.048	0.019	0.002	1.74	1.48	-	0.966	-		
0020	0020 SW023	19 Oct 2021	0020 SW023 211019	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.10	<0.05	<0.05	0.55	0.55	-	0.35	-		
0020	0020 SW023	13 Dec 2021	0020 SW023 211213	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.17	<0.05	<0.05	1.49	1.47	-	0.95	-		
0020	0020 SW023	04 Apr 2022	0020 SW023 220404	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.14	<0.05	<0.05	2.94	2.86	-	1.76	-		
0020	0020 SW023	08 Jul 2022	0020 SW023 220708	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.10	2.95	-	2.19	-		
0020	0020 SW023	10 Oct 2022	0020 SW023 221010	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.10	<0.05	<0.05	2.42	2.36	-	1.96	-		
0020	0020 SW023	17 Apr 2023	0020 SW023 230417	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.73	0.71	-	0.49	-		
0020	0020 SW023	08 Apr 2024	0020 SW023 240408	AEC F	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.15	<0.05	<0.05	1.43	1.35	-	0.73	-		
0020	0020 SW026	19 Apr 2017	FC SW01	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.211	0.2	-	0.188	-		
0020	0020 SW026	15 May 2018	FC QC216 180515	Flatrock Creek	Flatrock Creek	Receptor	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	-	0.03	-		
0020	0020 SW026	15 May 2018	FC SW01 180515	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0514	0.0473	-	0.0416	-		
0020	0020 SW026	19 Oct 2021	0020 SW026 211019	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-		
0020	0020 SW026	04 Apr 2022	0020 QC203 220404	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.02	-	<0.01	0.02	-		
0020	0020 SW026	04 Apr 2022	0020 SW026 220404	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.13	0.13	-	0.13	-		
0020	0020 SW026	07 Jul 2022	0020 QC103 220707	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-		
0020	0020 SW026	07 Jul 2022	0020 QC203 220707	Flatrock Creek	Flatrock Creek	Receptor	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	0.08	0.04	0.08	0.08		
0020	0020 SW026	07 Jul 2022	0020 SW026 220707	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-		
0020	0020 SW026	10 Oct 2022	0020 SW026 221010	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.11	0.11	-	0.11	-		
0020	0020 SW026	30 Jan 2023	0020 SW026 230130	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.20	0.20	-	0.18	-		
0020	0020 SW026	17 Apr 2023	0020 SW026 230417	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-		
0020	0020 SW026	16 Oct 2023	0020 SW026 231016	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0020	0020 SW026	08 Apr 2024	0020 SW026 240408	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.14	0.14	-	0.14	-		
0020	0020 SW026	25 Oct 2024	0020 QC112 241025	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0020	0020 SW026	25 Oct 2024	0020 QC212 241025	Flatrock Creek	Flatrock Creek	Receptor	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	0.03	0.03	0.03		
0020	0020 SW026	25 Oct 2024	0020 SW026 241025	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0020	0020 SW027	19 Apr 2017	FC SW02	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.185	0.173	-	0.16	-		
0020	0020 SW027	15 May 2018	FC SW02 180515	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0702	0.0648	-	0.0567	-		
0020	0020 SW027	19 Oct 2021	0020 SW027 211019	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-		
0020	0020 SW027	04 Apr 2022	0020 QC103 220404	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.11	0.11	-	0.11	-		
0020	0020 SW027	04 Apr 2022	0020 SW027 220404	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-		
0020	0020 SW027	07 Jul 2022	0020 SW027 220707	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-		
0020	0020 SW027	10 Oct 2022	0020 SW027 221010	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10	-		
0020	0020 SW027	30 Jan 2023	0020 SW027 230130	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.26	0.26	-	0.23	-		
0020	0020 SW027	17 Apr 2023																								

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOA)*
EQI	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.001	0.0005	0.001	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0020	0020_SW032	08 Apr 2024	0020_SW032_240408	Flatrock Creek	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020_SW033	06 Apr 2018	FC_SW14_180406	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0097	0.0097	-	0.0097	-
0020	0020_SW033	15 May 2018	FC_SW14_180515	Flatrock Creek	Flatrock Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0349	0.0319	-	0.0284	-
0020	0020_SW033	19 Oct 2021	0020_SW033_211019	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020_SW033	04 Apr 2022	0020_SW033_220404	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0020	0020_SW033	10 Oct 2022	0020_SW033_221010	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020_SW033	17 Apr 2023	0020_SW033_230417	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-
0020	0020_SW033	16 Oct 2023	0020_SW033_231016	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020_SW033	08 Apr 2024	0020_SW033_240408	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0020	0020_SW033	25 Oct 2024	0020_SW033_241025	Flatrock Creek	Flatrock Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0020	0020_SW035	12 Apr 2017	G_SW01	AEC G	STP	Tank	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0015	-	<0.001	0.004	<0.001	<0.001	0.915	0.866	-	0.795	-
0020	0020_SW035	07 Apr 2022	0020_SW035_220407	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.05	2.03	-	1.98	-
0020	0020_SW035	17 Apr 2023	0020_SW035_230417	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.71	1.66	-	1.24	-
0020	0020_SW035	08 Apr 2024	0020_SW035_240408	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.08	-	<0.05	<0.05	<0.05	<0.05	3.15	2.90	-	2.18	-
0020	0020_SW035	21 Oct 2024	0020_SW035_241021	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.14	0.12	-	0.12	-
0020	0020_SW036	12 Apr 2017	G_SW02	AEC G	STP	Tank	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0015	-	<0.001	<0.001	<0.001	<0.001	1.45	1.37	-	1.25	-
0020	0020_SW036	18 Oct 2021	0020_QC102_211018	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.43	1.37	-	1.17	-
0020	0020_SW036	18 Oct 2021	0020_SW036_211018	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.37	1.31	-	1.11	-
0020	0020_SW036	04 Apr 2022	0020_SW036_220404	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.42	1.37	-	1.21	-
0020	0020_SW036	11 Oct 2022	0020_SW036_221011	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.27	1.25	-	1.11	-
0020	0020_SW036	17 Apr 2023	0020_SW036_230417	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.25	1.20	-	1.08	-
0020	0020_SW036	16 Oct 2023	0020_SW036_231016	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.28	0.28	-	0.25	-
0020	0020_SW036	08 Apr 2024	0020_SW036_240408	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.07	1.05	-	0.97	-
0020	0020_SW036	21 Oct 2024	0020_SW036_241021	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10	-
0020	0020_SW037	12 Apr 2017	G_SW03	AEC G	STP	Tank	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0019	-	<0.001	0.002	<0.001	<0.001	1.31	1.24	-	1.14	-
0020	0020_SW037	18 Oct 2021	0020_QC202_211018	AEC G	STP	Tank	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	1.3	-	0.67	1.1	-
0020	0020_SW037	18 Oct 2021	0020_SW037_211018	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.33	1.27	-	1.07	-
0020	0020_SW037	04 Apr 2022	0020_SW037_220404	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.57	1.52	-	1.35	-
0020	0020_SW037	11 Oct 2022	0020_QC202_221011	AEC G	STP	Tank	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	1.0	-	0.65	0.95	-
0020	0020_SW037	11 Oct 2022	0020_SW037_221011	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.26	1.23	-	1.12	-
0020	0020_SW037	17 Apr 2023	0020_SW037_230417	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.20	1.15	-	1.03	-
0020	0020_SW037	08 Apr 2024	0020_SW037_240408	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.99	0.97	-	0.88	-
0020	0020_SW037	21 Oct 2024	0020_SW037_241021	AEC G	STP	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.29	0.29	-	0.29	-
0020	0020_SW054	12 Apr 2022	0020_SW054_220412	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.10	1.06	-	0.78	-
0020	0020_SW054	07 Jul 2022	0020_SW054_220707	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.63	0.63	-	0.48	-
0020	0020_SW054	12 Oct 2022	0020_QC126_221012	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.99	0.97	-	0.74	-
0020	0020_SW054	12 Oct 2022	0020_SW054_221012	AEC E	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.02	1.00	-	0.75	-
0020	0020_SW054	30 Jan 2023	0020_QC220_230130	AEC E	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.33	1.25	0.55	0.99	1.01
0020																								

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQI	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR																																				
						Classification																																				
0021	0021 MW025	14 Feb 2019	0021 MW025 190214	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.003	<0.001	<0.001	0.0066	0.0066	-	0.0036	-																		
0021	0021 MW025	14 Feb 2019	0021 QC209 190214	JBRF	Flatrock Creek	Source	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	<0.005	<0.005	-	0.0042	-																		
0021	0021 MW025	29 May 2019	0021 MW025 190529	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0029	0.0029	-	0.0029	-																		
0021	0021 MW025	20 Oct 2021	0021 MW025 211020	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-																		
0021	0021 MW025	06 Apr 2022	0021 MW025 220406	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-																		
0021	0021 MW025	14 Oct 2022	0021 MW025 221014	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-																		
0021	0021 MW025	21 Apr 2023	0021 MW025 230421	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW025	19 Oct 2023	0021 MW025 231019	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW025	12 Apr 2024	0021 MW025 240412	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-																		
0021	0021 MW025	22 Oct 2024	0021 MW025 241022	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW026	28 Apr 2017	MW026	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0112	0.0102	-	0.0084	-																		
0021	0021 MW026	14 Feb 2019	0021 MW026 190214	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.019	<0.001	<0.001	0.0404	0.0382	-	0.0161	-																		
0021	0021 MW026	14 Feb 2019	0021 QC110 190214	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.016	<0.001	<0.001	0.0362	0.0347	-	0.0164	-																		
0021	0021 MW026	29 May 2019	0021 MW026 190529	JBRF	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.004	<0.001	<0.001	0.0127	0.0106	-	0.0050	-																		
0021	0021 MW026	20 Oct 2021	0021 MW026 211020	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW026	06 Apr 2022	0021 MW026 220406	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-																		
0021	0021 MW026	14 Oct 2022	0021 MW026 221014	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-																		
0021	0021 MW026	21 Apr 2023	0021 MW026 230421	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-																		
0021	0021 MW026	19 Oct 2023	0021 MW026 231019	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-																		
0021	0021 MW026	12 Apr 2024	0021 MW026 240412	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-																		
0021	0021 MW026	22 Oct 2024	0021 QC104 241022	JBRF	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW026	22 Oct 2024	0021 QC204 241022	JBRF	Flatrock Creek	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	<0.01	<0.01	<0.01																		
0021	0021 MW028	03 May 2017	MW028	JBRF	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0041	0.0041	-	0.0041	-																		
0021	0021 MW028	20 Oct 2021	0021 MW028 211020	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.32	0.32	-	0.26	-																		
0021	0021 MW028	20 Oct 2021	0021 QC103 211020	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.33	0.33	-	0.27	-																		
0021	0021 MW028	06 Apr 2022	0021 MW028 220406	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.30	0.30	-	0.26	-																		
0021	0021 MW028	06 Apr 2022	0021 QC204 220406	JBRF	Captains Lagoon	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.87	-	0.32	0.62	-																		
0021	0021 MW028	14 Oct 2022	0021 MW028 221014	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.71	0.69	-	0.49	-																		
0021	0021 MW028	21 Apr 2023	0021 MW028 230421	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.47	2.34	-	1.86	-																		
0021	0021 MW028	19 Oct 2023	0021 MW028 231019	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.63	0.61	-	0.46	-																		
0021	0021 MW028	12 Apr 2024	0021 MW028 240412	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.56	0.54	-	0.44	-																		
0021	0021 MW028	22 Oct 2024	0021 MW028 241022	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.49	0.47	-	0.27	-																		
0021	0021 MW028	22 Oct 2024	0021 QC103 241022	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.51	0.49	-	0.28	-																		
0021	0021 MW028	22 Oct 2024	0021 QC203 241022	JBRF	Captains Lagoon	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.56	0.54	0.12	0.35	0.36																		
0021	0021 MW030	03 May 2017	MW030	JBRF	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0033	0.0033	-	0.0033	-																		
0021	0021 MW030	21 Oct 2021	0021 MW030 211021	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW030	06 Apr 2022	0021 MW030 220406	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-																		
0021	0021 MW030	14 Oct 2022	0021 MW030 221014	JBRF	C																																					

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0021	0021 MW101	19 Oct 2021	0021 MW101 211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.29	0.29	-	0.29	-
0021	0021 MW101	05 Apr 2022	0021 MW101 220405	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.34	0.34	-	0.34	-
0021	0021 MW101	13 Oct 2022	0021 MW101 221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.50	0.50	-	0.50	-
0021	0021 MW101	20 Apr 2023	0021 MW101 230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.59	0.59	-	0.59	-
0021	0021 MW101	19 Oct 2023	0021 MW101 231019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.17	0.17	-	0.17	-
0021	0021 MW101	10 Apr 2024	0021 MW101 240410	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.33	0.33	-	0.33	-
0021	0021 MW101	24 Oct 2024	0021 MW101 241024	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.37	0.37	-	0.37	-
0021	0021 MW102	01 May 2017	A MW02	AEC A	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.003	<0.001	<0.001	12.1	9.98	-	6.30	-
0021	0021 MW102	19 Oct 2021	0021 MW102 211019	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	13.8	13.0	-	10.9	-
0021	0021 MW102	19 Oct 2021	0021 QC201 211019	AEC A	Captains Lagoon	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	16	-	9.0	13	-
0021	0021 MW102	05 Apr 2022	0021 MW102 220405	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	23.4	22.0	-	19.2	-
0021	0021 MW102	13 Oct 2022	0021 MW102 221013	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.8	11.3	-	10.3	-
0021	0021 MW102	20 Apr 2023	0021 MW102 230420	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	20.8	19.5	-	16.3	-
0021	0021 MW102	20 Apr 2023	0021 QC109 230420	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.7	10.8	-	9.32	-
0021	0021 MW102	20 Apr 2023	0021 QC209 230420	AEC A	Captains Lagoon	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	15	-	7.1	11	-
0021	0021 MW102	19 Oct 2023	0021 MW102 231019	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	16.2	15.6	-	13.4	-
0021	0021 MW102	10 Apr 2024	0021 MW102 240410	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.6	10.8	-	8.92	-
0021	0021 MW102	24 Oct 2024	0021 MW102 241024	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	11.6	10.6	-	7.82	-
0021	0021 MW103	28 Apr 2017	A MW03	AEC A	Mary Creek	Source	<0.0200	<0.050	<0.0200	<0.050	<0.050	<0.0200	<0.050	<0.0200	-	<0.020	<0.020	<0.020	<0.020	80.3	74.1	-	59.6	-
0021	0021 MW103	02 May 2018	A MW03 180502	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	188	180	-	169	-
0021	0021 MW103	24 Jun 2020	JBRF-A-MW03-2-200624	AEC A	Mary Creek	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	25.83	25.16	20.13	23.3	23.43
0021	0021 MW103	22 Jun 2021	0021 MW103 210622	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	17.7	17.3	-	16.4	-
0021	0021 MW103	22 Jun 2021	0021 QC114 210622	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	20.6	20.2	-	19.1	-
0021	0021 MW103	19 Oct 2021	0021 MW103 211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	20.0	19.6	-	18.1	-
0021	0021 MW103	22 Nov 2021	0021 MW103 211122	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	26.1	25.5	-	23.6	-
0021	0021 MW103	06 Apr 2022	0021 MW103 220406	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	26.8	26.2	-	24.5	-
0021	0021 MW103	13 Oct 2022	0021 MW103 221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	30.8	30.4	-	29.4	-
0021	0021 MW103	20 Apr 2023	0021 MW103 230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	55.1	54.3	-	52.6	-
0021	0021 MW103	18 Oct 2023	0021 MW103 231018	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	45.2	44.7	-	43.7	-
0021	0021 MW103	11 Apr 2024	0021 MW103 240411	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	42.7	41.6	-	40.2	-
0021	0021 MW103	25 Oct 2024	0021 MW103 241025	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	41.1	40.4	-	39.4	-
0021	0021 MW104	28 Apr 2017	A MW04	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	1.49	1.42	-	0.972	-
0021	0021 MW104	22 Jun 2021	0021 MW104 210622	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	0.19	-	0.19	-
0021	0021 MW104	19 Oct 2021	0021 MW104 211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.27	0.27	-	0.27	-
0021	0021 MW104	22 Nov 2021	0021 MW104 211122	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.22	0.22	-	0.20	-
0021	0021 MW104	06 Apr 2022	0021 MW104 220406	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	0.19	-	0.19	-
0021	0021 MW104	13 Oct 2022	0021 MW104 221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.16	0.16	-	0.16	-
0021	0021 MW104	20 Apr 2023	0021 MW104 230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.32	0.32	-	0.30	-
0021	0021 MW104	18 Oct 2023																						

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																			
0021	0021	MW108	13 Oct 2022	0021_MW108_221013	AEC A	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	11.2	10.7	-	9.24
0021	0021	MW108	20 Apr 2023	0021_MW108_230420	AEC A	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	15.4	14.8	-	12.8
0021	0021	MW108	18 Oct 2023	0021_MW108_231018	AEC A	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.05	6.68	-	5.84
0021	0021	MW108	11 Apr 2024	0021_MW108_240411	AEC A	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	11.4	10.9	-	9.88
0021	0021	MW108	28 Oct 2024	0021_MW108_241028	AEC A	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	5.54	5.19	-	4.35
0021	0021	MW109	08 May 2017	A_MW09	AEC A	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.001	0.411	0.4	-	0.392
0021	0021	MW109	19 Oct 2021	0021_MW109_211019	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	4.24	4.10	-	3.49
0021	0021	MW109	06 Apr 2022	0021_MW109_220406	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	2.74	2.62	-	2.21
0021	0021	MW109	13 Oct 2022	0021_MW109_221013	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	2.49	2.42	-	2.24
0021	0021	MW109	13 Oct 2022	0021_QC209_221013	AEC A	Captains Lagoon	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.02	2.2	-	1.3	1.9
0021	0021	MW109	20 Apr 2023	0021_MW109_230420	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	3.32	3.19	-	2.77
0021	0021	MW109	18 Oct 2023	0021_MW109_231018	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	2.65	2.55	-	2.09
0021	0021	MW109	10 Apr 2024	0021_MW109_240410	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	2.52	2.45	-	2.15
0021	0021	MW109	24 Oct 2024	0021_MW109_241024	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.34	1.32	-	1.16
0021	0021	MW109	24 Oct 2024	0021_QC256_241024	AEC A	Captains Lagoon	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	1.83	1.77	0.94	1.57
0021	0021	MW110	28 Apr 2017	B_MW01	AEC B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.001	0.0911	0.0822	-	0.0648
0021	0021	MW110	22 Jun 2021	0021_MW110_210622	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.21	0.21	-	0.21
0021	0021	MW110	20 Oct 2021	0021_MW110_211020	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.34	0.34	-	0.31
0021	0021	MW110	22 Nov 2021	0021_MW110_211122	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.13	0.13	-	0.13
0021	0021	MW110	07 Apr 2022	0021_MW110_220407	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.47	1.40	-	1.24
0021	0021	MW110	13 Oct 2022	0021_MW110_221013	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.17	0.17	-	0.17
0021	0021	MW110	20 Apr 2023	0021_MW110_230420	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.42	0.42	-	0.38
0021	0021	MW110	18 Oct 2023	0021_MW110_231018	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10
0021	0021	MW110	10 Apr 2024	0021_MW110_240410	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.25	0.25	-	0.25
0021	0021	MW110	25 Oct 2024	0021_MW110_241025	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.18	0.18	-	0.18
0021	0021	MW111	28 Apr 2017	B_MW02	AEC B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.001	0.149	0.145	-	0.134
0021	0021	MW111	22 Jun 2021	0021_MW111_210622	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.15	0.15	-	0.15
0021	0021	MW111	20 Oct 2021	0021_MW111_211020	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08
0021	0021	MW111	22 Nov 2021	0021_MW111_211122	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08
0021	0021	MW111	07 Apr 2022	0021_MW111_220407	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05
0021	0021	MW111	13 Oct 2022	0021_MW111_221013	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	0.06
0021	0021	MW111	20 Apr 2023	0021_MW111_230420	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	0.07
0021	0021	MW111	18 Oct 2023	0021_MW111_231018	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05
0021	0021	MW111	10 Apr 2024	0021_MW111_240410	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04
0021	0021	MW111	25 Oct 2024	0021_MW111_241025	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03
0021	0021	MW112	28 Apr 2017	B_MW03	AEC B	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.001	0.0328	0.0313	-	0.0248
0021	0021	MW112	24 Jun 2021	0021_MW112_210624	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01
0021	0021	MW112	20 Oct 2021	0021_MW112_211020	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	23 Nov 2021	0021_MW112_211123	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	07 Apr 2022	0021_MW112_220407	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	07 Apr 2022	0021_QC210_220407	AEC B	Mary Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	-	<0.01	<0.01
0021	0021	MW112	12 Oct 2022	0021_MW112_221012	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01
0021	0021	MW112	18 Apr 2023	0021_MW112_230418	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	16 Oct 2023	0021_MW112_231016	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	08 Apr 2024	0021_MW112_240408	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01
0021	0021	MW112	24 Oct 2024	0021_MW112_241024	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<						

	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums					
	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOA)*
EQI	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																		
																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR Classification																		
0021	0021 MW117	20 Oct 2021	0021 QC203 211020	AEC C	Flatrock Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.57	-	0.12	0.45	-
0021	0021 MW117	14 Oct 2022	0021 MW117 221014	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.34	0.31	-	0.31	-
0021	0021 MW117	21 Apr 2023	0021 MW117 230421	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.44	0.40	-	0.38	-
0021	0021 MW117	19 Oct 2023	0021 MW117 231019	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.46	0.44	-	0.40	-
0021	0021 MW117	12 Apr 2024	0021 MW117 240412	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.23	0.23	-	0.23	-
0021	0021 MW117	22 Oct 2024	0021 MW117 241022	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.18	0.16	-	0.16	-
0021	0021 MW118	03 May 2017	C MW02	AEC C	Flatrock Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0589	0.0531	-	0.0445	-
0021	0021 MW118	26 Oct 2021	0021 MW118 211026	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.58	2.42	-	2.22	-
0021	0021 MW118	11 Oct 2022	0021 MW118 221011	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.16	2.07	-	1.94	-
0021	0021 MW118	03 Feb 2023	0021 MW118 230203	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.19	2.10	-	1.99	-
0021	0021 MW118	21 Apr 2023	0021 MW118 230421	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.56	3.39	-	3.23	-
0021	0021 MW118	19 Oct 2023	0021 MW118 231019	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.40	1.36	-	1.32	-
0021	0021 MW118	12 Apr 2024	0021 MW118 240412	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.73	0.71	-	0.71	-
0021	0021 MW118	22 Oct 2024	0021 MW118 241022	AEC C	Flatrock Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.01	0.96	-	0.91	-
0021	0021 MW119	03 May 2017	C MW03	AEC C	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021 MW119	20 Oct 2021	0021 MW119 211020	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 MW119	20 Oct 2021	0021 QC202 211020	AEC C	Captains Lagoon	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	<0.01	-
0021	0021 MW119	06 Apr 2022	0021 MW119 220406	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW119	11 Oct 2022	0021 MW119 221011	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021 MW119	03 Feb 2023	0021 MW119 230203	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW119	21 Apr 2023	0021 MW119 230421	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW119	19 Oct 2023	0021 MW119 231019	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW119	12 Apr 2024	0021 MW119 240412	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW119	22 Oct 2024	0021 MW119 241022	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW120	03 May 2017	C MW04	AEC C	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.416	0.343	-	0.230	-
0021	0021 MW120	20 Oct 2021	0021 MW120 211020	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.34	1.28	-	1.09	-
0021	0021 MW120	20 Oct 2021	0021 QC102 211020	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.34	1.28	-	1.10	-
0021	0021 MW120	14 Oct 2022	0021 MW120 221014	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.56	0.52	-	0.46	-
0021	0021 MW120	21 Apr 2023	0021 MW120 230421	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.95	3.61	-	2.93	-
0021	0021 MW120	19 Oct 2023	0021 MW120 231019	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.40	5.09	-	4.43	-
0021	0021 MW120	12 Apr 2024	0021 MW120 240412	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.92	1.71	-	1.32	-
0021	0021 MW120	22 Oct 2024	0021 MW120 241022	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.43	2.18	-	1.78	-
0021	0021 MW121	03 May 2017	C MW05	AEC C	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.170	0.152	-	0.128	-
0021	0021 MW121	22 Oct 2021	0021 MW121 211022	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-
0021	0021 MW121	14 Oct 2022	0021 MW121 221014	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.39	0.37	-	0.34	-
0021	0021 MW121	01 Feb 2023	0021 MW121 230201	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.40	0.38	-	0.34	-
0021	0021 MW121	01 Feb 2023	0021 QC202 230201	AEC C	Captains Lagoon	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.4	0.38	0.06	0.31	0.31
0021	0021 MW121	20 Apr 2023	0021 MW121 230420	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	0.19	-	0.19	-
0021	0021 MW121	18 Oct 2023	0021 MW121 231018	AEC C	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-									

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR	Classification																			
0021	0021 MW126	20 Oct 2021	0021 QC108 211020	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	07 Apr 2022	0021 MW126 220407	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	07 Apr 2022	0021 QC209 220407	JBRF	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	-			
0021	0021 MW126	13 Oct 2022	0021 MW126 221013	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	02 Feb 2023	0021 MW126 230202	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	19 Apr 2023	0021 MW126 230419	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	18 Oct 2023	0021 MW126 231018	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	18 Oct 2023	0021 QC105 231018	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	18 Oct 2023	0021 QC205 231018	JBRF	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	-			
0021	0021 MW126	10 Apr 2024	0021 MW126 240410	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	26 Oct 2024	0021 MW126 241026	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	26 Oct 2024	0021 QC116 241026	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW126	26 Oct 2024	0021 QC216 241026	JBRF	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	<0.01	<0.01	<0.01		
0021	0021 MW127	04 May 2017	FC MW03	JBRF	Captains Lagoon	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.657	0.6	-	0.526	-		
0021	0021 MW127	11 Apr 2022	0021 MW127 220411	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.92	0.86	-	0.73	-		
0021	0021 MW127	11 Oct 2022	0021 MW127 221011	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.70	0.65	-	0.53	-		
0021	0021 MW127	11 Oct 2022	0021 QC225 221012	JBRF	Captains Lagoon	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	0.81	0.73	0.28	0.59	0.6		
0021	0021 MW127	01 Feb 2023	0021 MW127 230201	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.78	0.72	-	0.60	-		
0021	0021 MW127	01 Feb 2023	0021 QC102 230201	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.66	0.61	-	0.51	-		
0021	0021 MW127	24 Oct 2024	0021 MW127 241024	JBRF	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.88	0.82	-	0.67	-		
0021	0021 MW128	04 May 2017	LM MW01	JBRF	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0319	0.0271	-	0.0243	-		
0021	0021 MW128	03 May 2018	LM MW01 180503	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.14	2.03	-	1.81	-		
0021	0021 MW128	14 Feb 2019	LM MW01 190214	JBRF	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0283	0.0256	-	0.0228	-		
0021	0021 MW128	29 May 2019	0021 QC100 190529	JBRF	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0179	0.0149	-	0.0127	-		
0021	0021 MW128	29 May 2019	LM MW01 190529	JBRF	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0224	0.0187	-	0.0163	-		
0021	0021 MW128	20 Oct 2021	0021 MW128 211020	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	0.07	-		
0021	0021 MW128	20 Oct 2021	0021 QC107 211020	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-		
0021	0021 MW128	21 Dec 2021	0021 MW128 211221	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-		
0021	0021 MW128	21 Dec 2021	0021 QC112 211221	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-		
0021	0021 MW128	21 Dec 2021	0021 QC212 211221	JBRF	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	<0.01	0.02	0.02		
0021	0021 MW128	06 Apr 2022	0021 MW128 220406	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-		
0021	0021 MW128	14 Oct 2022	0021 MW128 221014	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10	-		
0021	0021 MW128	01 Feb 2023	0021 MW128 230201	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-		
0021	0021 MW128	19 Apr 2023	0021 MW128 230419	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-		
0021	0021 MW128	18 Oct 2023	0021 MW128 231018	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	0.06	-		
0021	0021 MW128	10 Apr 2024	0021 MW128 240410	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-		
0021	0021 MW128	10 Apr 2024	0021 QC104 240410	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-		
0021	0021 MW128	10 Apr 2024	0021 QC204 240410	JBRF	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05													

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	PFAS - Perfluoroalkyl Sulfonamide									PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + 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	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	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	SPR																	
0021	0021 MW154	13 Aug 2020	0021 MW154 200813	AEC A	Mary Creek	Source	<0.0016 ^{ns}	<0.004 ^{ns}	<0.0016 ^{ns}	<0.004 ^{ns}	<0.004 ^{ns}	<0.0016 ^{ns}	<0.004 ^{ns}	<0.0016 ^{ns}	-	<0.002 ^{ns}	0.009	<0.002 ^{ns}	<0.002 ^{ns}	91.4	80.2	-	56.8	-
0021	0021 MW154	25 Oct 2024	0021 MW154 241025	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	80.4	67.4	-	49.3	-
0021	0021 MW155	13 Aug 2020	0021 MW155 200813	AEC A	Mary Creek	Source	0.0016	<0.004 ^{ns}	<0.0016 ^{ns}	<0.004 ^{ns}	<0.004 ^{ns}	<0.0016 ^{ns}	<0.004 ^{ns}	0.0018	-	<0.002 ^{ns}	0.050	0.023	0.006	146	124	-	79.0	-
0021	0021 MW155	25 Oct 2024	0021 MW155 241025	AEC A	Mary Creek	Source	0.07	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.08	<0.05	<0.05	164	150	-	125	-
0021	0021 MW160	21 Dec 2021	0021 MW160 211221	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW160	23 Oct 2024	0021 MW160 241023	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW160	23 Oct 2024	0021 QC105 241023	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 MW160	23 Oct 2024	0021 QC205 241023	JBRF	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.1	<0.05	<0.01	<0.01	<0.01
0021	0021 MW163	11 Apr 2022	0021 MW163 220411	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.41	1.39	-	1.08	-
0021	0021 MW163	11 Oct 2022	0021 MW163 221011	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.80	0.80	-	0.49	-
0021	0021 MW163	02 Feb 2023	0021 MW163 230202	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.94	0.94	-	0.75	-
0021	0021 MW163	02 Feb 2023	0021 QC103 230202	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.79	0.79	-	0.64	-
0021	0021 MW163	23 Oct 2024	0021 MW163 241023	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.88	1.85	-	1.77	-
0021	0021 MW164	11 Apr 2022	0021 MW164 220411	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.0	11.9	-	11.3	-
0021	0021 MW164	11 Apr 2022	0021 QC100 220411	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.80	9.68	-	9.17	-
0021	0021 MW164	11 Oct 2022	0021 MW164 221011	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.58	8.49	-	8.07	-
0021	0021 MW164	11 Oct 2022	0021 QC125 221011	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	9.31	9.22	-	8.84	-
0021	0021 MW164	03 Feb 2023	0021 MW164 230203	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.26	6.22	-	6.09	-
0021	0021 MW164	22 Oct 2024	0021 MW164 241022	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.17	2.93	-	2.90	-
0021	0021 OTH001	13 Oct 2017	A S415 SW05	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.3	11.5	-	8.84	-
0021	0021 OTH001	21 Oct 2021	0021 OTH001 211021	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	0.08	<0.05	<0.05	7.06	6.72	-	5.49	-
0021	0021 OTH001	21 Oct 2021	0021 QC210 211021	AEC A	RAN SSSS	Tank	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	0.07	<0.02	<0.02	6.3	-	3.2	4.7	-
0021	0021 OTH001	05 Apr 2022	0021 OTH001 220405	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	0.03	-	<0.05	<0.05	<0.05	<0.05	10.6	10.3	-	9.57	-
0021	0021 OTH001	05 Apr 2022	0021 QC202 220405	AEC A	RAN SSSS	Tank	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	9.1	-	7.3	8.1	-
0021	0021 OTH001	13 Oct 2022	0021 OTH001 221013	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.47	1.41	-	1.21	-
0021	0021 OTH001	20 Apr 2023	0021 OTH001 230420	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.76	3.61	-	3.14	-
0021	0021 OTH001	19 Oct 2023	0021 OTH001 231019	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 OTH001	11 Apr 2024	0021 OTH001 240411	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021 OTH001	25 Oct 2024	0021 OTH001 241025	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	0.07	-
0021	0021 OTH002	13 Oct 2017	A S416 SW02	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.64	2.52	-	1.99	-
0021	0021 OTH002	21 Oct 2021	0021 OTH002 211021	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.51	1.44	-	1.10	-
0021	0021 OTH002	05 Apr 2022	0021 OTH002 220405	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.44	1.40	-	1.02	-
0021	0021 OTH002	13 Oct 2022	0021 OTH002 221013	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.55	1.51	-	1.06	-
0021	0021 OTH002	20 Apr 2023	0021 OTH002 230420	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.38	2.25	-	1.55	-
0021	0021 OTH002	19 Oct 2023	0021 OTH002 231019	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.25	1.22	-	0.85	-
0021	0021 OTH002	10 Apr 2024	0021 OTH002 240410	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.22	1.19	-	0.87	-
0021	0021 OTH002	25 Oct 2024	0021 OTH002 241025	AEC A	RAN SSSS	Tank	0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.55	1.32	-	0.98	-
0021	0021 OTH003	16 Nov 2017	A S426 SW01	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	13.0	12.3	-	10.3	-
0021	0021 OTH003	19 Oct 2021	0021 OTH003 211019	AEC A	RAN SSSS	Tank	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.00	6.84	-	6.24	-
0021	0021 OTH003	05 Apr 2022	0021 OTH00																					

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																			
0021	0021	SW001	07 Jul 2022	0021_SW001_220101	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	13.4	13.0	-	11.7	-
0021	0021	SW001	11 Oct 2022	0021_SW001_221011	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.38	5.19	-	4.73	-
0021	0021	SW001	13 Oct 2022	0021_SW001_221013	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.54	8.23	-	7.32	-
0021	0021	SW001	01 Feb 2023	0021_SW001_230201	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.34	7.05	-	6.29	-
0021	0021	SW001	20 Apr 2023	0021_SW001_230420	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	18.6	17.9	-	15.6	-
0021	0021	SW001	07 Aug 2023	0021_SW001_230807	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.81	1.75	-	1.56	-
0021	0021	SW001	04 Oct 2023	0021_SW001_231004	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.18	3.09	-	2.59	-
0021	0021	SW001	18 Oct 2023	0021_SW001_231018	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.92	3.79	-	3.26	-
0021	0021	SW001	10 Apr 2024	0021_SW001_240410	AEC A	Captains Lagoon	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.77	5.48	-	4.80	-
0021	0021	SW002	20 Apr 2017	AB_SW02	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0019	-	<0.001	<0.001	<0.001	<0.001	14.0	13.6	-	12.0	-
0021	0021	SW002	19 Oct 2021	0021_SW002_211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	12.4	11.8	-	10.6	-
0021	0021	SW002	05 Apr 2022	0021_SW002_220405	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.59	3.44	-	3.04	-
0021	0021	SW002	13 Oct 2022	0021_SW002_221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.38	7.01	-	6.23	-
0021	0021	SW002	20 Apr 2023	0021_SW002_230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.32	2.22	-	1.87	-
0021	0021	SW002	18 Oct 2023	0021_SW002_231018	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.52	5.32	-	4.68	-
0021	0021	SW002	11 Apr 2024	0021_SW002_240411	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.97	2.84	-	2.62	-
0021	0021	SW003	20 Apr 2017	AB_SW03	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0996	0.0957	-	0.0859	-
0021	0021	SW003	19 Oct 2021	0021_SW003_211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.16	0.16	-	0.16	-
0021	0021	SW003	05 Apr 2022	0021_SW003_220405	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	0.07	-
0021	0021	SW003	13 Oct 2022	0021_QC205_221013	AEC A	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.07	-	0.04	0.07	-
0021	0021	SW003	13 Oct 2022	0021_SW003_221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-
0021	0021	SW003	20 Apr 2023	0021_SW003_230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.11	0.11	-	0.11	-
0021	0021	SW003	11 Apr 2024	0021_SW003_240411	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-
0021	0021	SW004	13 Apr 2017	AB_SW04	AEC B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0464	0.0434	-	0.0399	-
0021	0021	SW004	13 Apr 2017	TNQA08	AEC B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0488	0.0459	-	0.0422	-
0021	0021	SW004	26 Oct 2021	0021_SW004_211026	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021	SW004	06 Apr 2022	0021_SW004_220406	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW004	14 Oct 2022	0021_SW004_221014	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW004	21 Apr 2023	0021_SW004_230421	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW004	12 Apr 2024	0021_SW004_240412	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW005	13 Apr 2017	AB_SW05	AEC A/B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0794	0.0741	-	0.0684	-
0021	0021	SW005	20 Oct 2021	0021_SW005_211020	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.12	0.12	-	0.12	-
0021	0021	SW005	06 Apr 2022	0021_SW005_220406	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-
0021	0021	SW005	14 Oct 2022	0021_SW005_221014	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.10	0.10	-	0.10	-
0021	0021	SW005	21 Apr 2023	0021_SW005_230421	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.12	0.12	-	0.12	-
0021	0021	SW005	12 Apr 2024	0021_SW005_240412	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.07	0.07	-	0.07	-
0021	0021	SW006	13 Apr 2017	AB_SW06	AEC A/B	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0414	0.0397	-	0.0378	-
0021	0021	SW006	20 Oct 2021	0021_SW006_211020	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW006	06 Apr 2022	0021_SW006_220406	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW006	14 Oct 2022	0021_SW006_221014	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-
0021	0021	SW006	21 Apr 2023	0021_SW006_230421	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.06	0.06	-	0.06	-
0021	0021	SW006	12 Apr 2024	0021_SW006_240412	AEC A/B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021	SW010	12 Apr 2017	B_SW01	AEC B	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0046	-	<0.001	<0.001	<0.001	<0.001	5.62	5.27	-	4.94	-
0021	0021	SW010	01 May 2018	B_SW01_180501	AEC B	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.003	<0.001	<0.001	9.57	8.99	-	8.18	-
0021	0021	SW010	20 Oct 2021	0021_SW010_211020	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.92	6.51	-	5.87	-
0021	0021	SW010	22 Nov 2021	0021_SW010_211122	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.55	1.49	-	1.34	-
0021	0021	SW010	07 Apr 2022	0021_SW010_220407	AEC B	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01				

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-oxane sulfonylamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOA)*
EQI	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																			
0021	0021 SW017	14 Oct 2022	0021 SW017 221014	JBRF	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.03	6.91	-	6.49	-	
0021	0021 SW018	13 Apr 2017	DC SW03	JBRF	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.340	0.312	-	0.282	-	
0021	0021 SW018	20 Oct 2021	0021 SW018 211020	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.20	0.20	-	0.20	-	
0021	0021 SW018	06 Apr 2022	0021 QC106 220406	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-	
0021	0021 SW018	06 Apr 2022	0021 SW018 220406	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-	
0021	0021 SW018	14 Oct 2022	0021 QC207 221014	JBRF	Mary Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.09	-	0.02	0.09	-	
0021	0021 SW018	14 Oct 2022	0021 SW018 221014	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-	
0021	0021 SW018	21 Apr 2023	0021 SW018 230421	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-	
0021	0021 SW018	19 Oct 2023	0021 SW018 231019	JBRF	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.22	0.22	-	0.22	-	
0021	0021 SW019	20 Apr 2017	DC SW04	JBRF	Captains Lagoon	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0051	-	<0.001	0.003	<0.001	<0.001	11.4	11.1	-	9.50	-	
0021	0021 SW019	19 Oct 2021	0021 SW019 211019	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.09	1.05	-	0.90	-	
0021	0021 SW019	05 Apr 2022	0021 QC203 220405	JBRF	Captains Lagoon	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	10	-	5.6	8.2	-	
0021	0021 SW019	05 Apr 2022	0021 SW019 220405	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.96	8.57	-	7.17	-	
0021	0021 SW019	07 Jul 2022	0021 SW019 220707	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.35	7.03	-	6.31	-	
0021	0021 SW019	13 Oct 2022	0021 SW019 221013	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.70	5.42	-	4.58	-	
0021	0021 SW019	01 Feb 2023	0021 SW019 230201	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.53	5.18	-	3.76	-	
0021	0021 SW019	20 Apr 2023	0021 SW019 230420	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	5.96	5.57	-	4.50	-	
0021	0021 SW019	11 Apr 2024	0021 SW019 240411	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	4.11	3.82	-	3.16	-	
0021	0021 SW020	13 Apr 2017	DC SW05	JBRF	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0006	-	<0.001	<0.001	<0.001	<0.001	0.812	0.759	-	0.665	-	
0021	0021 SW020	20 Oct 2021	0021 SW020 211020	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.57	0.53	-	0.46	-	
0021	0021 SW020	06 Apr 2022	0021 SW020 220406	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-	
0021	0021 SW020	07 Jul 2022	0021 SW020 220707	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.19	0.19	-	0.19	-	
0021	0021 SW020	14 Oct 2022	0021 SW020 221014	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.08	1.04	-	0.90	-	
0021	0021 SW020	03 Feb 2023	0021 QC205 230203	JBRF	Flatrock Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	1.25	1.16	0.45	0.99	0.99	
0021	0021 SW020	03 Feb 2023	0021 SW020 230203	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.10	1.04	-	0.88	-	
0021	0021 SW020	21 Apr 2023	0021 SW020 230421	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.59	1.50	-	1.28	-	
0021	0021 SW020	12 Apr 2024	0021 SW020 240412	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.74	0.70	-	0.63	-	
0021	0021 SW020	22 Oct 2024	0021 SW020 241022	JBRF	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.01	0.96	-	0.81	-	
0021	0021 SW021	13 Apr 2017	DC SW06	JBRF	Captains Lagoon	Pathway	0.0010	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0038	-	<0.001	<0.001	<0.001	<0.001	2.33	2.03	-	1.51	-	
0021	0021 SW021	20 Oct 2021	0021 SW021 211020	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.54	3.29	-	2.68	-	
0021	0021 SW021	06 Apr 2022	0021 SW021 220406	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.20	0.20	-	0.20	-	
0021	0021 SW021	07 Jul 2022	0021 SW021 220707	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.30	1.23	-	1.10	-	
0021	0021 SW021	14 Oct 2022	0021 SW021 221014	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.74	1.67	-	1.43	-	
0021	0021 SW021	12 Apr 2024	0021 SW021 240412	JBRF	Captains Lagoon	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.08	1.93	-	1.63	-	
0021	0021 SW022	19 Apr 2017	FC SW06	Flatrock Creek	Flatrock Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.266	0.251	-	0.227	-	
0021	0021 SW022	20 Oct 2021	0021 QC208 211020	Flatrock Creek	Flatrock Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	1.2	-	0.30	0.93	-	
0021	0021 SW022	20 Oct 2021	0021 SW022 211020	Flatrock Creek	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.29	1.21	-	1.03	-	
0021	0021 SW022	07 Apr 2022	0021 SW022 220407	Flatrock Creek	Flatrock Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.15	0.15	-	0.15	-	
0021>																									

	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamideacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamideacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + 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	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EOL	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0021	0021 SW034	18 Mar 2019	LM SW03 190318	Lake McKenzie	Lakes	Receptor	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	-	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	0.0056	0.0056	-	0.0056	-
0021	0021 SW034	21 Oct 2021	0021 SW034 211021	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	05 Apr 2022	0021 SW034 220405	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	10 Oct 2022	0021 SW034 221010	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	18 Apr 2023	0021 SW034 230418	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	17 Oct 2023	0021 SW034 231017	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	09 Apr 2024	0021 SW034 240409	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW034	25 Oct 2024	0021 SW034 241025	Lake McKenzie	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	27 Jul 2017	LM SW04	Lake McKenzie	Lakes	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	0.0014	-	0.0014	-
0021	0021 SW035	25 Aug 2017	LM SW04	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	25 Aug 2017	TNQA101	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	11 Feb 2019	LM SW04 190211	Lake McKenzie	Lakes	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0027	0.0027	-	0.0027	-
0021	0021 SW035	18 Mar 2019	LM QC101 190318	Lake McKenzie	Lakes	Pathway	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	-	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	0.0258	0.0258	-	0.0050	-
0021	0021 SW035	18 Mar 2019	LM SW04 190318	Lake McKenzie	Lakes	Pathway	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	<0.005 ^{ns}	<0.0020 ^{ns}	-	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	<0.002 ^{ns}	0.0262	0.0262	-	0.0054	-
0021	0021 SW035	22 Oct 2021	0021 SW035 211022	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	05 Apr 2022	0021 SW035 220405	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	10 Oct 2022	0021 SW035 221010	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	18 Apr 2023	0021 SW035 230418	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	10 Apr 2024	0021 SW035 240410	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW035	26 Oct 2024	0021 SW035 241026	Lake McKenzie	Lakes	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW036	27 Jul 2017	LW SW01	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0008	0.0008	-	0.0008	-
0021	0021 SW036	25 Aug 2017	LW SW01	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW036	14 May 2018	LW SW01 180514	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW036	12 Feb 2019	LW SW01 190212	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021 SW036	18 Mar 2019	LW SW01 190318	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0004	0.0004	-	0.0004	-
0021	0021 SW036	22 Oct 2021	0021 SW036 211022	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0015	0.0015	-	<0.0002	-
0021	0021 SW036	05 Apr 2022	0021 SW036 220405	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0034	0.0034	-	0.0005	-
0021	0021 SW036	10 Oct 2022	0021 SW036 221010	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0053	0.0053	-	0.0005	-
0021	0021 SW036	18 Apr 2023	0021 SW036 230418	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021 SW036	17 Oct 2023	0021 SW036 231017	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0014	0.0014	-	0.0014	-
0021	0021 SW036	09 Apr 2024	0021 SW036 240409	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0008	0.0008	-	0.0008	-
0021	0021 SW036	25 Oct 2024	0021 SW036 241025	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0005	0.0005	-	0.0005	-
0021	0021 SW037	27 Jul 2017	LW SW02	Lake Windermere	Lakes	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.05	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0016	0.0016	-	0.0016	-
0021	0021 SW037	25 Aug 2017	LW SW02	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW037	16 May 2018	LW QC117 180516	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW037	16 May 2018	LW SW02 180516	Lake Windermere	Lakes	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-		

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOA)*
EQL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR Classification																		
0021	0021 SW044	09 Apr 2024	0021 SW044 240409	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.05	1.97	-	1.90	-
0021	0021 SW044	28 Oct 2024	0021 SW044 241028	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.08	0.08	-	0.08	-
0021	0021 SW045	23 Mar 2018	MC SW03 180323	Mary Creek	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0404	0.0394	-	0.0374	-
0021	0021 SW045	30 Apr 2018	MC SW03 180430	Mary Creek	Mary Creek	Pathway	<0.0020 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	<0.005 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	-	<0.002 ⁷²	<0.002 ⁷²	<0.002 ⁷²	<0.002 ⁷²	0.0152	0.0152	-	0.0152	-
0021	0021 SW045	12 May 2022	0021 SW045 220512	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0021	0021 SW045	11 Oct 2022	0021 SW045 221011	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021 SW045	18 Apr 2023	0021 SW045 230418	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021 SW045	17 Oct 2023	0021 QC102 231017	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW045	17 Oct 2023	0021 QC202 231017	Mary Creek	Mary Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	-	
0021	0021 SW045	17 Oct 2023	0021 SW045 231017	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW045	09 Apr 2024	0021 SW045 240409	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-
0021	0021 SW045	23 Oct 2024	0021 SW045 241023	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW048	06 Apr 2018	MC SW06 180406	Mary Creek	Mary Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0248	0.0242	-	0.0237	-
0021	0021 SW048	12 Oct 2022	0021 SW048 221012	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.22	0.22	-	0.22	-
0021	0021 SW048	19 Apr 2023	0021 SW048 230419	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.26	0.26	-	0.26	-
0021	0021 SW048	18 Oct 2023	0021 SW048 231017	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 SW048	10 Apr 2024	0021 SW048 240410	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.09	0.09	-	0.09	-
0021	0021 SW048	25 Oct 2024	0021 SW048 241025	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0021	0021 SW051	28 Mar 2018	MC QC109 180328	Wreck Bay	Mary Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0005	0.0005	-	0.0005	-
0021	0021 SW051	28 Mar 2018	MC SW09 180328	Wreck Bay	Mary Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0005	0.0005	-	0.0005	-
0021	0021 SW051	12 May 2022	0021 SW051 220512	Wreck Bay	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.35	0.35	-	0.35	-
0021	0021 SW051	23 Oct 2024	0021 SW051 241023	Wreck Bay	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW052	20 Mar 2018	MC SW10 180320	Mary Creek	Mary Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0019	0.0019	-	0.0019	-
0021	0021 SW052	28 Mar 2018	MC SW10 180328	Mary Creek	Mary Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	1.73	1.64	-	1.56	-
0021	0021 SW052	12 May 2022	0021 SW052 220512	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.67	0.67	-	0.67	-
0021	0021 SW052	12 Oct 2022	0021 SW052 221012	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 SW052	18 Apr 2023	0021 SW052 230418	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.41	0.41	-	0.41	-
0021	0021 SW052	17 Oct 2023	0021 SW052 231017	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW052	09 Apr 2024	0021 SW052 240409	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.39	0.36	-	0.35	-
0021	0021 SW052	23 Oct 2024	0021 SW052 241023	Mary Creek	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.11	0.11	-	0.11	-
0021	0021 SW053	30 Apr 2018	MC SW11 180430	Mary Creek	Mary Creek	Pathway	<0.0020 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	<0.005 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	<0.005 ⁷²	<0.0020 ⁷²	-	<0.002 ⁷²	<0.002 ⁷²	<0.002 ⁷²	<0.002 ⁷²	7.66	7.13	-	6.59	-
0021	0021 SW053	12 May 2022	0021 SW053 220512	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.81	1.75	-	1.69	-
0021	0021 SW053	11 Oct 2022	0021 SW053 221011	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.07	1.07	-	1.01	-
0021	0021 SW053	02 Feb 2023	0021 SW053 230202	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	4.15	3.88	-	3.70	-
0021	0021 SW053	09 Mar 2023	0021 QC200 230309	Mary Creek	Mary Creek	Pathway	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	2.79	2.67	1.25	2.5	2.55
0021	0021 SW053	09 Mar 2023	0021 SW053 230309	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.32	2.15	-	2.01	-
0021	0021 SW053	18 Apr 2023	0021 QC101 230418	Mary Creek	Mary Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05							

	Perfluoroundecanoic acid (PFUnDA)	PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
		N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQL	µg/L 0.0005	µg/L 0.001	µg/L 0.0005	µg/L 0.001	µg/L 0.001	µg/L 0.0005	µg/L 0.001	µg/L 0.0005	µg/L 0.001	µg/L 0.001	µg/L 0.0004	µg/L 0.0004	µg/L 0.001	µg/L 0.0002	µg/L 0.0002	µg/L 0.0002	µg/L 0.0002	µg/L 0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0021	0021 SW060	10 Apr 2024	0021 SW060 240410	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW060	25 Oct 2024	0021 SW060 241025	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	21 Oct 2021	0021 SW062 211021	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	07 Apr 2022	0021 SW062 220407	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	12 Oct 2022	0021 SW062 221012	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	19 Apr 2023	0021 SW062 230419	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	16 Oct 2023	0021 SW062 231016	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	08 Apr 2024	0021 SW062 240408	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW062	23 Oct 2024	0021 SW062 241023	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	20 Mar 2018	TC SW05 180320	Telegraph Creek	Telegraph Creek	Pathway	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0438	0.0431	-	0.0400	-
0021	0021 SW064	21 Oct 2021	0021 SW064 211021	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	04 Apr 2022	0021 SW064 220404	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	12 Oct 2022	0021 QC204 221012	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	<0.01	
0021	0021 SW064	12 Oct 2022	0021 SW064 221012	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	19 Apr 2023	0021 QC107 230419	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	19 Apr 2023	0021 QC207 230419	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	<0.01	
0021	0021 SW064	19 Apr 2023	0021 SW064 230419	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	08 Apr 2024	0021 SW064 240408	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW064	23 Oct 2024	0021 SW064 241023	Telegraph Creek	Telegraph Creek	Pathway	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	21 Oct 2021	0021 QC211 211021	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	<0.01	
0021	0021 SW068	21 Oct 2021	0021 SW068 211021	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	07 Apr 2022	0021 QC207 220407	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.02	-	0.02	0.02	
0021	0021 SW068	07 Apr 2022	0021 SW068 220407	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 SW068	12 Oct 2022	0021 SW068 221012	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	17 Apr 2023	0021 SW068 230417	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	16 Oct 2023	0021 SW068 231016	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	10 Apr 2024	0021 SW068 240410	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW068	25 Oct 2024	0021 SW068 241025	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	26 Mar 2018	TC SW10 180326	Telegraph Creek	Telegraph Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	<0.0003	<0.0003	-	<0.0003	-
0021	0021 SW069	21 Oct 2021	0021 SW069 211021	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	07 Apr 2022	0021 QC109 220407	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	07 Apr 2022	0021 SW069 220407	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	12 Oct 2022	0021 SW069 221012	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	17 Apr 2023	0021 SW069 230417	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	16 Oct 2023	0021 SW069 231016	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	10 Apr 2024	0021 SW069 240410	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW069	25 Oct 2024	0021 SW069 241025	Telegraph Creek	Telegraph Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02										

	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamideacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamideacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + 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	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EOL	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

SPR																								
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																		
0021	0021 SW080	11 Feb 2019	UN2 SW05 190211	Unnamed Water Body	Clay Pools	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0512	0.0512	-	0.047	-
0021	0021 SW080	18 Mar 2019	UN2 SW05 190318	Unnamed Water Body	Clay Pools	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0068	0.0068	-	0.0068	-
0021	0021 SW080	12 Oct 2022	0021 SW080 221012	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-
0021	0021 SW080	19 Apr 2023	0021 SW080 230419	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW080	17 Oct 2023	0021 QC108 231017	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.04	0.04	-	0.04	-
0021	0021 SW080	17 Oct 2023	0021 QC208 231017	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	0.05	-	0.02	0.05	-
0021	0021 SW080	17 Oct 2023	0021 SW080 231017	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.05	0.05	-	0.05	-
0021	0021 SW080	10 Apr 2024	0021 QC109 240410	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW080	10 Apr 2024	0021 QC209 240410	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.01	-	<0.01	<0.01	-
0021	0021 SW080	10 Apr 2024	0021 SW080 240410	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW080	23 Oct 2024	0021 SW080 241023	Unnamed Water Body	Clay Pools	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0021	0021 SW083	19 Mar 2018	UN3 SW03 180319	Ryans Swamp	Bherwerre Barrier	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	0.003	<0.001	<0.001	0.0267	0.0254	-	0.0195	-
0021	0021 SW083	17 May 2018	UN3 SW03 180517	Ryans Swamp	Bherwerre Barrier	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0100	0.0100	-	0.0100	-
0021	0021 SW083	22 Oct 2021	0021 SW083 211022	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW083	10 Oct 2022	0021 SW083 221010	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW083	18 Apr 2023	0021 SW083 230418	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW083	17 Oct 2023	0021 SW083 231017	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW083	09 Apr 2024	0021 SW083 240409	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW083	25 Oct 2024	0021 SW083 241025	Ryans Swamp	Bherwerre Barrier	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW085	28 Mar 2018	UN3 SW05 180328	Summercloud Creek	Summercloud Creek	Receptor	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.0006	0.0006	-	0.0006	-
0021	0021 SW085	12 Oct 2022	0021 SW085 221012	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW085	18 Apr 2023	0021 SW085 230418	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.01	0.01	-	0.01	-
0021	0021 SW085	17 Oct 2023	0021 SW085 231017	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.02	0.02	-	0.02	-
0021	0021 SW085	09 Apr 2024	0021 SW085 240409	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW085	23 Oct 2024	0021 SW085 241023	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW110	04 Aug 2020	0021 QC101 200804	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	-	<0.001	<0.001	<0.001	<0.001	0.311	0.299	-	0.265	-
0021	0021 SW110	04 Aug 2020	0021 QC201 200804	AEC A	Mary Creek	Source	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	0.165	0.149	0.123	0.124	0.127
0021	0021 SW110	04 Aug 2020	0021 SW110 200804	AEC A	Mary Creek	Source	<0.0016 ^{±2}	<0.004 ^{±2}	<0.0016 ^{±2}	<0.004 ^{±2}	<0.004 ^{±2}	<0.0016 ^{±2}	<0.004 ^{±2}	<0.0016 ^{±2}	-	<0.002 ^{±2}	<0.002 ^{±2}	<0.002 ^{±2}	<0.002 ^{±2}	0.302	0.289	-	0.255	-
0021	0021 SW110	10 Aug 2020	0021 QC109 200810	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0010	-	<0.001	<0.001	<0.001	<0.001	2.21	2.13	-	1.92	-
0021	0021 SW110	10 Aug 2020	0021 QC209 200810	AEC A	Mary Creek	Source	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	1.915	1.823	1.026	1.66	1.686
0021	0021 SW110	10 Aug 2020	0021 SW110 200810	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0008	-	<0.001	<0.001	<0.001	<0.001	2.06	1.99	-	1.78	-
0021	0021 SW110	19 Oct 2021	0021 SW110 211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.21	0.21	-	0.21	-
0021	0021 SW110	22 Nov 2021	0021 QC100 211122	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.21	1.19	-	1.08	-
0021	0021 SW110	22 Nov 2021	0021 SW110 211122	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.97	0.95	-	0.84	-
0021	0021 SW110	05 Apr 2022	0021 SW110 220405	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.50	0.50	-	0.47	-
0021	0021 SW110	13 Oct 2022	0021 SW110 221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	1.20	1.20	-	1.16	-
0021	0021 SW110	20 Apr 2023	0021 QC111 230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.67	0.67	-	0.64	-
0021	0021 SW110	20 Apr 2023	0021 QC211 230420	AEC A	Mary Creek	Source	<0.02	&																

SPR																										
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification																				
0021	0021	SW127	18 Oct 2023	0021_SW127_231018	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	10.6	10.2	-	9.49	-
0021	0021	SW127	10 Apr 2024	0021_SW127_240410	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.85	6.52	-	5.90	-
0021	0021	SW130	24 Jun 2020	JBRF-A-SW03-200624	AEC A	Mary Creek	Source	<0.01	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	7.09	6.66	3.39	6	6.09
0021	0021	SW130	09 Sep 2020	0021_QC222_200909	AEC A	Mary Creek	Source	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.001	<0.005	<0.001	<0.001	<0.001	3.237	3.061	1.928	2.88	2.908
0021	0021	SW130	09 Sep 2020	0021_SW130_200909	AEC A	Mary Creek	Source	<0.0005	<0.001	<0.0005	<0.001	<0.001	<0.0005	<0.001	0.0011	-	<0.001	<0.001	<0.001	<0.001	<0.001	3.60	3.42	-	3.17	-
0021	0021	SW130	19 Oct 2021	0021_SW130_211019	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	9.76	9.26	-	8.18	-
0021	0021	SW130	22 Nov 2021	0021_QC200_211122	AEC A	Mary Creek	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	4.54	4.35	2.68	3.8	3.88
0021	0021	SW130	22 Nov 2021	0021_SW130_211122	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	5.14	4.92	-	4.29	-
0021	0021	SW130	05 Apr 2022	0021_SW130_220405	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	4.17	4.00	-	3.56	-
0021	0021	SW130	13 Oct 2022	0021_QC206_221013	AEC A	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.02	3.7	-	2.3	3.2	-
0021	0021	SW130	13 Oct 2022	0021_SW130_221013	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	3.68	3.53	-	3.21	-
0021	0021	SW130	20 Apr 2023	0021_QC106_230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.03	0.99	-	0.84	-
0021	0021	SW130	20 Apr 2023	0021_QC206_230420	AEC A	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.02	1.4	-	0.60	0.97	-
0021	0021	SW130	20 Apr 2023	0021_SW130_230420	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.09	1.05	-	0.89	-
0021	0021	SW130	18 Oct 2023	0021_OC109_231018	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.40	1.35	-	1.17	-
0021	0021	SW130	18 Oct 2023	0021_QC209_231018	AEC A	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	<0.02	1.7	-	0.78	1.4	-
0021	0021	SW130	18 Oct 2023	0021_SW130_231018	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.30	1.24	-	1.06	-
0021	0021	SW130	11 Apr 2024	0021_SW130_240411	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	1.97	1.88	-	1.70	-
0021	0021	SW130	25 Oct 2024	0021_SW130_241025	AEC A	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	28.4	24.5	-	20.8	-
0021	0021	SW153	31 Aug 2021	0021_SW153_210831	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	10.8	10.2	-	8.91	-
0021	0021	SW153	11 Nov 2021	0021_QC121_211111	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	24.0	23.2	-	21.3	-
0021	0021	SW153	11 Nov 2021	0021_SW153_2111112211	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	23.9	23.0	-	21.0	-
0021	0021	SW153	11 Nov 2021	0021_SW153_2111121313	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	10.5	10.2	-	9.35	-
0021	0021	SW153	12 Nov 2021	0021_QC122_211112	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.25	6.05	-	5.48	-
0021	0021	SW153	12 Nov 2021	0021_QC221_211112	AEC B	Mary Creek	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	4.72	4.55	3.15	4.2	4.25
0021	0021	SW153	12 Nov 2021	0021_QC222_211112	AEC B	Mary Creek	Source	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.01	<0.05	<0.01	<0.01	<0.01	6.36	6.1	3.88	5.6	5.68
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120014	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	11.2	10.9	-	9.93	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120115	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	9.84	9.48	-	8.59	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120216	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	8.97	8.62	-	7.72	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120317	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.10	6.78	-	5.97	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120418	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.49	6.21	-	5.51	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120520	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.57	6.28	-	5.54	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120621	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.73	6.44	-	5.71	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120722	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.24	5.99	-	5.34	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120823	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	5.06	4.85	-	4.32	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111120924	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.12	5.87	-	5.26	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121025	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	5.39	5.17	-	4.60	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121127	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.22	6.04	-	5.47	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121228	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	6.69	6.50	-	5.92	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121329	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.73	7.50	-	6.82	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121430	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.97	7.72	-	7.04	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121531	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.96	7.72	-	7.02	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121632	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	8.83	8.58	-	7.81	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121734	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	5.83	5.66	-	5.15	-
0021	0021	SW153	12 Nov 2021	0021_SW153_2111121835	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.05	7.64	7.42	-	6.69	

	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	2-(N-methylperfluoro-1-octane sulfonamido)-ethanol (N-MeFOSE)	PFAS - Fluorotelomer Sulfonic Acids				PFAS - Sums				
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
EQL	0.0005	0.001	0.0005	0.001	0.001	0.0005	0.001	0.0005	0.001	0.001	0.0004	0.0004	0.001	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 3.0 2020 Freshwater - 95% - slightly to moderately disturbed systems																		
PFAS NEMP 3.0 2020 Interim marine - 95%-slightly-moderately disturbed system																		
PFAS NEMP 3.0 2020 Recreational Water																	2	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR Classification																		
0021	0021 SW153	12 May 2022	0021 SW153 2205120953	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.74	2.64	-	2.43	-
0021	0021 SW153	12 May 2022	0021 SW153 2205121054	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	2.98	2.87	-	2.62	-
0021	0021 SW153	12 May 2022	0021 SW153 2205121155	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.45	3.33	-	3.04	-
0021	0021 SW153	12 May 2022	0021 SW153 2205121257	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.21	3.09	-	2.81	-
0021	0021 SW153	12 May 2022	0021 SW153 2205121358	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.45	3.32	-	3.05	-
0021	0021 SW153	12 May 2022	0021 SW153 2205121459	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.30	3.19	-	2.92	-
0021	0021 SW153	12 Oct 2022	0021 SW153 221012	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	6.93	6.61	-	5.90	-
0021	0021 SW153	20 Apr 2023	0021 QC112 230420	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.92	8.50	-	7.50	-
0021	0021 SW153	20 Apr 2023	0021 QC212 230420	AEC B	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	9.7	-	4.8	8.2	-
0021	0021 SW153	20 Apr 2023	0021 SW153 230420	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	8.47	8.02	-	7.35	-
0021	0021 SW153	18 Oct 2023	0021 QC107 231018	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.44	3.23	-	2.72	-
0021	0021 SW153	18 Oct 2023	0021 QC207 231018	AEC B	Mary Creek	Source	<0.02	<0.1	<0.02	<0.5	<0.05	<0.02	<0.05	<0.1	-	<0.01	<0.01	<0.02	<0.02	4.2	-	1.5	3.1	-
0021	0021 SW153	18 Oct 2023	0021 SW153 231018	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	3.46	3.25	-	2.76	-
0021	0021 SW153	10 Apr 2024	0021 SW153 240410	AEC B	Mary Creek	Source	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	7.15	6.82	-	6.24	-
0021	0021 SW188	21 Dec 2022	0021 SW188 221221	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	0.03	0.03	-	0.03	-
0021	0021 SW188	24 Oct 2024	0021 SW188 241024	Summercloud Creek	Summercloud Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW211	23 Oct 2024	0021 SW211 241023	Wreck Bay	Mary Creek	Receptor	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	-	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	-	<0.01	-
0021	0021 SW212	25 Oct 2024	0021 SW212 241025	Bherwerre Barrier	Bherwerre Barrier	Receptor	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.001	-	0.0065	-	0.0065	-

Comments
#1 Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corres
#2 Reported Analyte LOR is higher than Requested Analyte LOR

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										PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids								
										Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)		
										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										0.0001	0.0001	0.005	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	

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																	
0020	0020 SD019	08 Apr 2024	0020 SD019 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2411964	<0.0002	<0.0002	-	<0.0002	0.0116	-	<0.0002	-	0.0007	<0.001	0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD019	25 Oct 2024	0020 SD019 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2435539	<0.0002	<0.0002	-	0.0002	0.0017	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	18 Apr 2017	CL SED07 0-0.05	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1709535	<0.0002	<0.0002	-	<0.0002	0.0127	-	<0.0002	-	0.0018	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	01 May 2018	CL QC220 180501	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	597346	<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
0020	0020 SD024	01 May 2018	CL SD07 0.0 180501	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES1812871	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	18 Oct 2021	0020 SD024 211018	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2138638	<0.0002	<0.0002	-	<0.0002	0.0008	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	04 Apr 2022	0020 SD024 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2212597	<0.0002	<0.0002	-	<0.0002	0.0003	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	10 Oct 2022	0020 SD024 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2236866	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	12 Oct 2022	0020 SD024 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2237104	<0.0002	<0.0002	-	<0.0002	0.0003	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	30 Jan 2023	0020 QC140 230130	Captains Lagoon	Captains Lagoon	Receptor	Field D	ES2303447	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	30 Jan 2023	0020 SD024 230130	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2303447	<0.0002	<0.0002	-	<0.0002	0.0011	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	17 Apr 2023	0020 SD024 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2313254	<0.0002	<0.0002	-	<0.0002	0.0012	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	16 Oct 2023	0020 SD024 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2336397	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	08 Apr 2024	0020 SD024 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2411964	<0.0002	<0.0002	-	<0.0002	0.0016	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	25 Oct 2024	0020 QC111 241025	Captains Lagoon	Captains Lagoon	Receptor	Field D	ES2435539	<0.0002	0.0008	-	0.0006	0.0109	-	<0.0002	-	0.0009	<0.001	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD024	25 Oct 2024	0020 QC211 241025	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	1156671	<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
0020	0020 SD024	25 Oct 2024	0020 SD024 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	ES2435539	<0.0002	0.0009	-	0.0008	0.0144	-	<0.0002	-	0.0014	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	18 Apr 2017	CL SED08 0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1709535	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	18 Apr 2017	JCQA01	Captains Lagoon	Captains Lagoon	Pathway	Field D	ES1709535	<0.0002	<0.0002	-	<0.0002	0.0008	-	<0.0002	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	01 May 2018	CL SD08 0.0 180501	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1812871	<0.0002	<0.0002	-	<0.0002	0.0016	-	<0.0002	-	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	21 Oct 2021	0020 SD025 211021	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2138638	0.0026	<0.0002	-	<0.0002	0.0072	-	<0.0002	-	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002
0020	0020 SD025	04 Apr 2022	0020 SD025 220404	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2212597	<0.0002	<0.0002	-	<0.0002	0.0051	-	<0.0002	-	0.0006	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0002
0020	0020 SD025	10 Oct 2022	0020 SD025 221012	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2236866	<0.0002	<0.0002	-	<0.0002	0.0030	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	12 Oct 2022	0020 SD025 221012	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2237104	<0.0002	0.0002	-	<0.0002	0.0107	-	<0.0002	-	0.0017	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0011	<0.0002	0.0002
0020	0020 SD025	01 Feb 2023	0020 SD025 230201	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2303447	<0.0002	<0.0002	-	<0.0002	0.0024	-	<0.0002	-	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	17 Apr 2023	0020 QC103 230417	Captains Lagoon	Captains Lagoon	Pathway	Field D	ES2313254	<0.0002	<0.0002	-	<0.0002	0.0024	-	<0.0002	-	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	17 Apr 2023	0020 QC203 230417	Captains Lagoon	Captains Lagoon	Pathway	Interlab D	321518	<0.0001	<0.0002	-	<0.0001	0.0029	-	<0.0001	-	0.0005	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
0020	0020 SD025	17 Apr 2023	0020 SD025 230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2313254	<0.0002	<0.0002	-	<0.0002	0.0016	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	16 Oct 2023	0020 SD025 231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2336397	<0.0002	<0.0002	-	<0.0002	0.0034	-	<0.0002	-	0.0006	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD025	08 Apr 2024	0020 SD025 240408	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2411964	<0.0002	<0.0002	-	<0.0002	0.0029	-	<0.0002	-	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0008	<0.0002	<0.0002
0020	0020 SD025	23 Oct 2024	0020 SD025 241023	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435143	<0.0002	<0.0002	-	<0.0002	0.0029	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0020	0020 SD026	26 Mar 2018	CL QC208 180326	Captains Lagoon																					

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										PFAS - Perfluoroalkyl Sulfonic Acids								PFAS - Perfluoroalkyl Carboxylic Acids							
										Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)
										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	0.005	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

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type Lab Report																		
0021	0021 SD007	24 Oct 2024	0021_SD007_241024	AEC B	Mary Creek	Source	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	0.0042	-	<0.0002	-	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021 SD009	18 Apr 2017	CL_SED09_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1709535	<0.0002	<0.0002	-	0.0002	0.0134	-	<0.0002	-	0.0027	0.001	<0.0002	<0.0002	<0.0002	0.0007	<0.0002	0.0003	
0021	0021 SD009	20 Oct 2021	0021_SD009_211020	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2138639	0.0004	0.0013	-	0.0004	0.0525	-	0.0002	-	0.0050	<0.001	0.0002	0.0004	<0.0002	0.0006	<0.0002	0.0002	
0021	0021 SD009	10 Oct 2022	0021_SD009_221010	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0265	-	<0.0002	-	0.0041	<0.001	<0.0002	<0.0002	<0.0002	0.0010	<0.0002	0.0003	
0021	0021 SD009	17 Apr 2023	0021_SD009_230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2313364	0.0003	0.0005	-	0.0005	0.0315	-	0.0006	-	0.0093	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	
0021	0021 SD009	16 Oct 2023	0021_SD009_231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2336399	0.0007	0.0012	-	0.0006	0.0661	-	<0.0005 ^{†1}	-	0.0096	<0.002 ^{†1}	<0.0005 ^{†1}	<0.0005 ^{†1}	<0.0005 ^{†1}	<0.0005 ^{†1}	<0.0005 ^{†1}	<0.0005 ^{†1}	
0021	0021 SD009	10 Apr 2024	0021_SD009_240410	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2411995	<0.0002	0.0002	-	<0.0002	0.0182	-	<0.0002	-	0.0030	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD009	22 Oct 2024	0021_SD009_241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435078	0.0046	<0.0025 ^{†4}	-	<0.0025 ^{†4}	0.0740	-	<0.0025 ^{†4}	-	0.0214	<0.012 ^{†4}	<0.0025 ^{†4}	<0.0025 ^{†4}	<0.0025 ^{†4}	<0.0025 ^{†4}	<0.0025 ^{†4}	<0.0025 ^{†4}	
0021	0021 SD011	20 Apr 2017	CL_SED11_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES1709644	<0.0002	<0.0002	-	<0.0002	0.0027	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD011	20 Apr 2017	JCQA05	Captains Lagoon	Captains Lagoon	Pathway	Field_D	ES1709644	<0.0002	<0.0002	-	<0.0002	0.0020	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD011	26 Oct 2024	0021_SD011_241026	Captains Lagoon	Captains Lagoon	Pathway	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	0.0029	-	<0.0002	-	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	13 Apr 2017	DC_SED01_0-0.1	AEC A/B	Mary Creek	Source	Normal	ES1709064	<0.0002	<0.0002	-	<0.0002	0.0194	-	<0.0002	-	0.0015	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	20 Oct 2021	0021_SD012_211020	AEC A/B	Mary Creek	Source	Normal	ES2138639	<0.0002	<0.0002	-	<0.0002	0.0067	-	<0.0002	-	0.0009	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	06 Apr 2022	0021_SD012_220406	AEC A/B	Mary Creek	Source	Normal	ES2212442	<0.0002	<0.0002	-	<0.0002	0.0017	-	<0.0002	-	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	14 Oct 2022	0021_SD012_221014	AEC A/B	Mary Creek	Source	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0182	-	<0.0002	-	0.0017	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	21 Apr 2023	0021_SD012_230421	AEC A/B	Mary Creek	Source	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0008	-	<0.0002	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	19 Oct 2023	0021_SD012_231019	AEC A/B	Mary Creek	Source	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0010	-	<0.0002	-	0.0011	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	12 Apr 2024	0021_SD012_240412	AEC A/B	Mary Creek	Source	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD012	22 Oct 2024	0021_SD012_241022	AEC A/B	Mary Creek	Source	Normal	ES2435078	<0.0002	<0.0002	-	<0.0002	0.0051	-	<0.0002	-	0.0014	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD013	13 Apr 2017	DC_SED02_0-0.1	JBRF	Mary Creek	Source	Normal	ES1709064	<0.0002	<0.0002	-	0.0002	0.0312	-	<0.0002	-	0.0026	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	
0021	0021 SD013	20 Oct 2021	0021_SD013_211020	JBRF	Mary Creek	Source	Normal	ES2138639	<0.0002	<0.0002	-	0.0002	0.0109	-	0.0002	-	0.0080	<0.001	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	0.0003	
0021	0021 SD013	06 Apr 2022	0021_QC208_220406	JBRF	Mary Creek	Source	Interlab_D	293031	<0.0001	<0.0002	-	0.0004	0.012	-	0.0002	-	0.0061	<0.0002	<0.0005	<0.0005	0.0001	0.0008	<0.0001	0.0003	
0021	0021 SD013	06 Apr 2022	0021_SD013_220406	JBRF	Mary Creek	Source	Normal	ES2212442	<0.0002	<0.0002	-	0.0004	0.0220	-	<0.0002	-	0.0024	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	
0021	0021 SD013	14 Oct 2022	0021_SD013_221014	JBRF	Mary Creek	Source	Normal	ES2237106	<0.0002	<0.0002	-	0.0009	0.0403	-	<0.0002	-	0.0093	<0.001	<0.0002	<0.0002	<0.0002	0.0008	<0.0002	0.0007	
0021	0021 SD013	21 Apr 2023	0021_SD013_230421	JBRF	Mary Creek	Source	Normal	ES2313364	0.0007	0.0006	-	0.0034	0.0364	-	0.0021	-	0.0518	<0.001	<0.0002	<0.0002	0.0006	0.0028	<0.0002	0.0024	
0021	0021 SD013	19 Oct 2023	0021_SD013_231019	JBRF	Mary Creek	Source	Normal	ES2336399	0.0007	0.0051	-	0.0009	0.120	-	0.0006	-	0.0126	<0.001	0.0004	0.0003	<0.0002	0.0007	<0.0002	0.0004	
0021	0021 SD013	12 Apr 2024	0021_QC113_240412	JBRF	Mary Creek	Source	Field_D	ES2411995	0.0004	<0.0002	-	0.0005	0.0233	-	0.0008	-	0.0083	<0.001	<0.0002	<0.0002	<0.0002	0.0009	<0.0002	0.0004	
0021	0021 SD013	12 Apr 2024	0021_QC213_240412	JBRF	Mary Creek	Source	Interlab_D	348825	0.0004	<0.0002	-	0.0008	0.019	-	0.0005	-	0.0090	0.0004	<0.0005	<0.0005	0.0002	0.0012	<0.0001	0.0007	
0021	0021 SD013	12 Apr 2024	0021_SD013_240412	JBRF	Mary Creek	Source	Normal	ES2411995	0.0004	<0.0002	-	0.0002	0.0124	-	0.0004	-	0.0063	<0.001	<0.0002	<0.0002	<0.0002	0.0006	<0.0002	0.0002	
0021	0021 SD013	22 Oct 2024	0021_SD013_241022	JBRF	Mary Creek	Source	Normal	ES2435078	<0.0002	<0.0002	-	0.0003	0.0129	-	<0.0002	-	0.0041	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	0.0002	
0021	0021 SD014	13 Apr 2017	DC_SED03_0-0.1	JBRF	Mary Creek	Pathway	Normal	ES1709064	<0.0002	<0.0002	-	<0.0002	0.0025	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD014	20 Oct 2021	0021_QC106_211020	JBRF	Mary Creek	Pathway	Field_D	ES2138639	<0.0002	<0.0002	-	0.0004	0.0157	-	<0.0002	-	0.0017	<0.001	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	
0021	0021 SD014	20 Oct 2021	0021_SD014_211020	JBRF	Mary Creek	Pathway	Normal	ES2138639	0.0004	<0.0002	-	0.0004	0.0177	-	<0.0002	-	0.0016	<0.001	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	
0021	0021 SD014	06 Apr 2022	0021_QC108_220406	JBRF	Mary Creek	Pathway	Field_D	ES2212442	<0.0002	<0.0002	-	<0.0002	0.0007	-	<0.0002	-	0.0002	<0.001	<0.0						

EQL	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids						
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)
	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
	0.0001	0.0001	0.005	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

SPR																										
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type Lab Report																			
0021	0021 SD018	12 Oct 2022	0021 SD018 221012	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0415	-	<0.0002	-	0.0053	<0.001	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002		
0021	0021 SD018	19 Apr 2023	0021 SD018 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2313364	<0.0002	0.0015	-	0.0013	0.106	-	0.0004	-	0.0114	<0.001	0.0002	<0.0002	<0.0002	0.0012	<0.0002	0.0011		
0021	0021 SD018	18 Oct 2023	0021 SD018 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2336399	0.0002	<0.0002	-	0.0002	0.0177	-	<0.0002	-	0.0024	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002		
0021	0021 SD018	10 Apr 2024	0021 SD018 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2411995	0.0003	0.0005	-	0.0004	0.0534	-	0.0004	-	0.0082	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002		
0021	0021 SD018	26 Oct 2024	0021 SD018 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2435541	<0.0002	0.0003	-	<0.0002	0.0344	-	<0.0002	-	0.0032	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	18 Apr 2017	JCQA04	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	543436	<0.005	<0.005	-	<0.005	0.01	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
0021	0021 SD020	19 Apr 2017	FC_SED08 0.0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES1709535	<0.0002	<0.0002	-	<0.0002	0.0062	-	<0.0002	-	0.0035	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004		
0021	0021 SD020	20 Oct 2021	0021 QC109 211020	Flatrock Creek	Flatrock Creek	Pathway	Field D	ES2138639	<0.0002	<0.0002	-	<0.0002	0.0003	-	<0.0002	-	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	20 Oct 2021	0021 SD020 211020	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2138639	<0.0002	<0.0002	-	<0.0002	0.0007	-	<0.0002	-	0.0009	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	07 Apr 2022	0021 SD020 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2212442	<0.0002	<0.0002	-	0.0006	0.0014	-	<0.0002	-	0.0016	<0.001	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002		
0021	0021 SD020	13 Oct 2022	0021 SD020 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	19 Apr 2023	0021 SD020 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0023	-	<0.0002	-	0.0010	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	18 Oct 2023	0021 SD020 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0020	-	<0.0002	-	0.0014	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002		
0021	0021 SD020	10 Apr 2024	0021 SD020 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0022	-	<0.0002	-	0.0013	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD020	26 Oct 2024	0021 SD020 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	0.0042	-	<0.0002	-	0.0026	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD021	20 Apr 2017	AB_SED09 0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES1709644	<0.0002	<0.0002	-	<0.0002	0.0068	-	<0.0002	-	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD021	26 Oct 2021	0021 SD021 211026	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2138639	0.0004	<0.0002	-	<0.0002	0.0384	-	<0.0002	-	0.0028	<0.001	0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002		
0021	0021 SD021	07 Apr 2022	0021 SD021 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2212442	<0.0002	0.0003	-	0.0003	0.0270	-	<0.0002	-	0.0022	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002		
0021	0021 SD021	13 Oct 2022	0021 SD021 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0524	-	<0.0002	-	0.0027	<0.001	0.0004	<0.0002	<0.0002	0.0005	<0.0002	0.0003		
0021	0021 SD021	19 Apr 2023	0021 QC102 230419	Flatrock Creek	Flatrock Creek	Pathway	Field D	ES2313364	0.0010	<0.0002	-	<0.0002	0.0124	-	<0.0002	-	0.0007	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002		
0021	0021 SD021	19 Apr 2023	0021 QC202 230419	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	321517	<0.0001	0.0005	-	0.0001	0.018	-	<0.0001	-	0.0011	0.0002	<0.0005	<0.0005	0.0001	0.0004	<0.0001	0.0002		
0021	0021 SD021	19 Apr 2023	0021 SD021 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2313364	<0.0002	0.0004	-	<0.0002	0.0254	-	<0.0002	-	0.0012	<0.001	0.0003	<0.0002	<0.0002	0.0004	<0.0002	0.0002		
0021	0021 SD021	18 Oct 2023	0021 SD021 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2336399	0.0002	<0.0002	-	<0.0002	0.0052	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD021	10 Apr 2024	0021 SD021 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0048	-	<0.0002	-	0.0010	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD021	23 Oct 2024	0021 SD021 241023	Flatrock Creek	Flatrock Creek	Pathway	Normal	ES2435078	<0.0002	<0.0002	-	0.0006	0.0325	-	<0.0002	-	0.0027	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	0.0002		
0021	0021 SD023	19 Apr 2017	FC_SED11 0.0-0.05	AEC C	Captains Lagoon	Source	Normal	ES1709535	<0.0002	<0.0002	-	<0.0002	0.0121	-	<0.0002	-	0.0017	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002		
0021	0021 SD023	21 Oct 2021	0021 SD023 211021	AEC C	Captains Lagoon	Source	Normal	ES2138639	0.0018	<0.0002	-	<0.0002	0.0008	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD023	06 Apr 2022	0021 SD023 220406	AEC C	Captains Lagoon	Source	Normal	ES2212442	<0.0002	<0.0002	-	<0.0002	0.0072	-	<0.0002	-	0.0011	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
0021	0021 SD023	12 Oct 2022	0021 SD023 221012	AEC C	Captains Lagoon	Source	Normal	ES2237106	0.0020	<0.0002	-	<0.0002	0.0101	-	0.0024	-	0.0281	<0.001	<0.0002	<0.0002	0.0006	0.0065	<0.0002	<0.0002		
0021	0021 SD023	20 Apr 2023	0021 SD023 230420	AEC C	Captains Lagoon	Source	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0029	-	0.0003	-	0.0034	<0.001	<0.0002	<0.0002	<0.0002	0.0008	<0.0002	<0.0002		
0021	0021 SD023	18 Oct 2023	0021 SD023 231018	AEC C	Captains Lagoon	Source	Normal	ES2336399	0.0005	0.0006	-	<0.0002	0.0284	-	0.0004	-	0.0061	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002		
0021	0021 SD023	10 Apr 2024	0021 SD023 240410	AEC C	Captains Lagoon	Source	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0290	-	<0.0002	-	0.0026	<0.001	0.0009	0.0010	<0.0002					

										PFAS - Perfluoroalkyl Sulfonic Acids								PFAS - Perfluoroalkyl Carboxylic Acids							
										Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)
										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	0.005	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

SPR																										
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	Lab Report																		
0021	0021 SD031	17 Oct 2023	0021 QC201 231017	Lake Windermere	Lakes	Receptor	Interlab D	335876	<0.0001	<0.0002	-	<0.0001	<0.0001	-	<0.0001	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
0021	0021 SD031	17 Oct 2023	0021 SD031 231017	Lake Windermere	Lakes	Receptor	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD031	09 Apr 2024	0021 QC102 240409	Lake Windermere	Lakes	Receptor	Field D	ES2411995	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD031	09 Apr 2024	0021 QC202 240409	Lake Windermere	Lakes	Receptor	Interlab D	348825	<0.0001	<0.0002	-	<0.0001	<0.0001	-	<0.0001	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
0021	0021 SD031	09 Apr 2024	0021 SD031 240409	Lake Windermere	Lakes	Receptor	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD031	25 Oct 2024	0021 SD031 241025	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD032	14 May 2018	LW SD03 0.0 180514	Lake Windermere	Lakes	Receptor	Normal	ES1814324	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD032	12 Feb 2019	LW SD03 0.0 190212	Lake Windermere	Lakes	Receptor	Normal	ES1904669	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD032	18 Mar 2019	LW SD03 190319	Lake Windermere	Lakes	Receptor	Normal	ES1908940	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD032	22 Oct 2021	0021 QC213 211022	Lake Windermere	Lakes	Receptor	Interlab D	281322	<0.0001	<0.0002	-	<0.0001	<0.0001	-	<0.0001	-	<0.0001	<0.0002	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
0021	0021 SD032	22 Oct 2021	0021 SD032 211022	Lake Windermere	Lakes	Receptor	Normal	ES2138639	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD032	26 Oct 2024	0021 SD032 241026	Lake Windermere	Lakes	Receptor	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	20 Mar 2018	MC SD01 0.0 180320	Mary Creek	Mary Creek	Receptor	Normal	ES1808818	<0.0002	<0.0002	-	<0.0002	0.0003	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	20 Mar 2018	MC SD01 0.3 180320	Mary Creek	Mary Creek	Receptor	Normal	ES1814922	<0.0002	-	-	-	0.0007	-	-	-	<0.0002	<0.001	-	-	<0.0002	<0.0002	-	<0.0002	<0.0002	
0021	0021 SD035	01 May 2018	MC SD01 0.0 180501	Mary Creek	Mary Creek	Receptor	Normal	ES1812871	<0.0002	<0.0002	-	<0.0002	0.0011	-	<0.0002	-	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	12 Oct 2022	0021 SD035 221012	Mary Creek	Mary Creek	Receptor	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0574	-	<0.0002	-	0.0034	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	18 Apr 2023	0021 SD035 230418	Mary Creek	Mary Creek	Receptor	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	17 Oct 2023	0021 SD035 231017	Mary Creek	Mary Creek	Receptor	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0014	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	09 Apr 2024	0021 SD035 240409	Mary Creek	Mary Creek	Receptor	Normal	ES2411995	<0.0002	0.0011	-	0.0005	0.0322	-	<0.0002	-	0.0044	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD035	23 Oct 2024	0021 SD035 241023	Mary Creek	Mary Creek	Receptor	Normal	ES2435078	<0.0002	0.0032	-	<0.0002	0.0401	-	<0.0002	-	0.0018	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	
0021	0021 SD036	23 Mar 2018	MC SD02 0.0 180323	Mary Creek	Mary Creek	Pathway	Normal	ES1809241	<0.0002	<0.0002	-	<0.0002	0.0004	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD036	11 Oct 2022	0021 SD036 221011	Mary Creek	Mary Creek	Pathway	Normal	ES2237106	<0.0002	0.0010	-	<0.0002	0.0137	-	<0.0002	-	0.0014	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD036	18 Apr 2023	0021 SD036 230418	Mary Creek	Mary Creek	Pathway	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0018	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD036	17 Oct 2023	0021 SD036 231017	Mary Creek	Mary Creek	Pathway	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0014	-	<0.0002	-	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD036	09 Apr 2024	0021 SD036 240409	Mary Creek	Mary Creek	Pathway	Normal	ES2411995	0.0003	0.0109	-	0.0040	0.446	-	0.0003	-	0.0153	0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0020	<0.0002	0.0012	
0021	0021 SD036	28 Oct 2024	0021 SD036 241028	Mary Creek	Mary Creek	Pathway	Normal	ES2435541	<0.0002	0.0003	-	<0.0002	0.0040	-	<0.0002	-	0.0006	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD037	23 Mar 2018	MC SD03 0.0 180323	Mary Creek	Mary Creek	Pathway	Normal	ES1809241	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD037	05 May 2018	MC SD03 0.0 180501	Mary Creek	Mary Creek	Pathway	Normal	ES1812871	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD037	11 Oct 2022	0021 SD037 221011	Mary Creek	Mary Creek	Pathway	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0006	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD037	18 Apr 2023	0021 SD037 230418	Mary Creek	Mary Creek	Pathway	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0010	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021 SD037	17 Oct 2023	0021 SD037 231017	Mary Creek	Mary Creek	Pathway	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.000			

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EQL	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids						
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPPS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)
	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
	0.0001	0.0001	0.005	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

SPR																											
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type Lab Report																				
0021	0021_SD068	19 Apr 2023	0021_SD068_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0111	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD068	17 Oct 2023	0021_SD068_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0046	-	<0.0002	-	0.0010	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD068	10 Apr 2024	0021_SD068_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0049	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD068	23 Oct 2024	0021_SD068_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2435078	<0.0002	<0.0002	-	<0.0002	0.0005	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1809902	<0.0002	<0.0002	-	<0.0002	0.0012	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1814922	<0.0002	-	-	-	0.0014	-	-	-	<0.0002	<0.001	-	-	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.0002
0021	0021_SD069	11 Feb 2019	UN2_SD04_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1904669	<0.0002	<0.0002	-	<0.0002	0.0008	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021_SD069	18 Mar 2019	UN2_SD04_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1908940	<0.0002	<0.0002	-	<0.0002	0.0119	-	<0.0002	-	0.0010	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021_SD069	12 Oct 2022	0021_SD069_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	0.0046	-	<0.0002	-	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	19 Apr 2023	0021_SD069_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0108	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	17 Oct 2023	0021_SD069_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	0.0193	-	<0.0002	-	0.0012	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	10 Apr 2024	0021_QC107_240410	Unnamed Water Bodies	Clay Pools	Receptor	Field_D	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0460	-	<0.0002	-	0.0052	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	10 Apr 2024	0021_QC207_240410	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	348825	0.0001	<0.0002	-	<0.0001	0.043	-	<0.0001	-	0.0044	<0.0002	<0.002	<0.0050	0.0001	0.0004	0.0001	0.0002	0.0002	0.0002	0.0002
0021	0021_SD069	10 Apr 2024	0021_SD069_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2411995	<0.0002	0.0009	-	<0.0002	0.0404	-	<0.0002	-	0.0044	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD069	23 Oct 2024	0021_SD069_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2435078	<0.0002	<0.0002	-	<0.0002	0.0214	-	<0.0002	-	0.0020	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1809902	<0.0002	<0.0002	-	<0.0002	0.0007	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1814922	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	<0.001	-	-	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.0002
0021	0021_SD070	11 Feb 2019	UN2_SD05_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1904669	<0.0002	<0.0002	-	<0.0002	0.0006	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021_SD070	18 Mar 2019	UN2_SD05_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES1908940	<0.0002	<0.0002	-	<0.0002	0.0032	-	<0.0002	-	0.0008	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021	0021_SD070	12 Oct 2022	0021_QC212_221012	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	308187	<0.0001	<0.0002	-	<0.0001	0.0013	-	<0.0001	-	<0.0001	<0.0002	<0.0005	<0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
0021	0021_SD070	12 Oct 2022	0021_SD070_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2237106	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD070	19 Apr 2023	0021_SD070_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2313364	<0.0002	<0.0002	-	<0.0002	0.0037	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD070	17 Oct 2023	0021_SD070_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2336399	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD070	10 Apr 2024	0021_SD070_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2411995	<0.0002	<0.0002	-	<0.0002	0.0039	-	<0.0002	-	0.0010	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD070	23 Oct 2024	0021_SD070_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	ES2435078	<0.0002	<0.0002	-	<0.0002	0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.0_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES1808902	<0.0002	<0.0002	-	<0.0002	0.0012	-	<0.0002	-	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.2_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES1814922	<0.0002	-	-	-	<0.0002	-	-	-	<0.0002	<0.001	-	-	<0.0002	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD073	17 May 2018	UN3_SD03_0.0_180517	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	ES1814324	<0.0002	<0.0002	-	<0.0002	0.0011	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
0021																											

	PFAS - Perfluoroalkyl Sulfonic Acids									PFAS - Perfluoroalkyl Carboxylic Acids						
	Perfluorobutane sulfonic acid (PFBS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorononane sulfonate (PFNS)	Perfluorooheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropropanesulfonic acid (PFPrS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorononanesulfonic acid (PFNS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctanoic acid (PFOA)
	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	0.005	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

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR																		
						Classification	Sample Type	Lab Report																
0021	0021_SD111	23 Oct 2024	0021_SD111_241023	Mary Creek	Mary Creek	Pathway	Normal	ES2435078	0.0006	0.0037	-	0.0026	0.125	-	<0.0002	-	0.0223	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0006
0021	0021_SD188	21 Dec 2022	0021_SD188_221221	Summercloud Creek	Summercloud Creek	Receptor	Normal	EW2205954	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
0021	0021_SD188	24 Oct 2024	0021_SD188_241024	Summercloud Creek	Summercloud Creek	Receptor	Normal	ES2435541	<0.0002	<0.0002	-	<0.0002	<0.0002	-	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 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.

								PFAS - Perfluoroalkyl Sulfonamide										PFAS - Fluorotelomer Sulfonic Acids							
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTTrDA)	Perfluoroundecanoic acid (PFUNDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	
								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								0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	
SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																		
0020	0020_SD001	19 Apr 2017	FC_SED01_0-0.05	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	
0020	0020_SD001	15 May 2018	FC_QC215_180515	Flatrock Creek	Flatrock Creek	Receptor	Interlab_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.05	<0.03	
0020	0020_SD001	15 May 2018	FC_SD01_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	15 May 2018	FC_SD01_0.2_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	19 Oct 2021	0020_QC103_211019	Flatrock Creek	Flatrock Creek	Receptor	Field_D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	19 Oct 2021	0020_SD001_211019	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	04 Apr 2022	0020_QC201_220404	Flatrock Creek	Flatrock Creek	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	-	
0020	0020_SD001	04 Apr 2022	0020_SD001_220404	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	10 Oct 2022	0020_SD001_221010	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	17 Apr 2023	0020_SD001_230417	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	16 Oct 2023	0020_SD001_231016	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	08 Apr 2024	0020_SD001_240408	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD001	25 Oct 2024	0020_SD001_241025	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004	
0020	0020_SD002	19 Apr 2017	FC_SED02_0-0.05	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.006	0.0056	
0020	0020_SD002	15 May 2018	FC_SD02_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD002	19 Oct 2021	0020_QC203_211019	Flatrock Creek	Flatrock Creek	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.0002	-	
0020	0020_SD002	19 Oct 2021	0020_SD002_211019	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD002	04 Apr 2022	0020_QC101_220404	Flatrock Creek	Flatrock Creek	Receptor	Field_D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD002	04 Apr 2022	0020_SD002_220404	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD002	10 Oct 2022	0020_SD002_221010	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004	
0020	0020_SD002	17 Apr 2023	0020_SD002_230417	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0042	0.0042	
0020	0020_SD002	16 Oct 2023	0020_SD002_231016	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD002	08 Apr 2024	0020_SD002_240408	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	0.0011	
0020	0020_SD002	25 Oct 2024	0020_SD002_241025	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004	
0020	0020_SD004	19 Apr 2017	FC_SED04_0-0.05	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	0.0014	
0020	0020_SD004	15 May 2018	FC_SD04_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0017	0.0017	
0020	0020_SD004	15 May 2018	FC_SD04_0.2_180515	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0017	0.0017	
0020	0020_SD004	18 Oct 2021	0020_SD004_211018	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0025	0.0025	
0020	0020_SD004	04 Apr 2022	0020_SD004_220404	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD004	10 Oct 2022	0020_SD004_221010	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007	
0020	0020_SD004	17 Apr 2023	0020_SD004_230417	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0017	0.0017	
0020	0020_SD004	16 Oct 2023	0020_SD004_231016	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0060	0.0060	
0020	0020_SD004	08 Apr 2024	0020_SD004_240408	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0051	0.0051	
0020	0020_SD004	21 Oct 2024	0020_QC150_241021	Flatrock Creek	Flatrock Creek	Receptor	Field_D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0020	0020_SD004	21 Oct 2024	0020_SD004_241021	Flatrock Creek	Flatrock Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	0.0002	
0020	0020_SD006	21 Mar 2018	FC_SD13_0.0_180321	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	0.0009	
0020	0020_SD006	19 Oct 2021	0020_SD006_211019	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0029	0.0029	
0020	0020_SD006	04 Apr 2022	0020_SD006_220404	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.00					

SPR																									
Site ID	Location	Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																	
0020	0020	SD019	08 Apr 2024	0020 SD019 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	0.0002	0.0006	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0137	0.0123
0020	0020	SD019	25 Oct 2024	0020 SD019 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0019	0.0017
0020	0020	SD024	18 Apr 2017	CL SED07 0-0.05	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0145	0.0145
0020	0020	SD024	01 May 2018	CL QC220 180501	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	<-0.005	<-0.005	<-0.005	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.05	<-0.01
0020	0020	SD024	01 May 2018	CL SD07 0.0 180501	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD024	18 Oct 2021	0020 SD024 211018	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0008
0020	0020	SD024	04 Apr 2022	0020 SD024 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	0.0003
0020	0020	SD024	10 Oct 2022	0020 SD024 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD024	12 Oct 2022	0020 SD024 221012	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	0.0003
0020	0020	SD024	30 Jan 2023	0020 QC140 230130	Captains Lagoon	Captains Lagoon	Receptor	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005
0020	0020	SD024	30 Jan 2023	0020 SD024 230130	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	0.0011
0020	0020	SD024	17 Apr 2023	0020 SD024 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	0.0012
0020	0020	SD024	16 Oct 2023	0020 SD024 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005
0020	0020	SD024	08 Apr 2024	0020 SD024 240408	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	0.0016
0020	0020	SD024	25 Oct 2024	0020 QC111 241025	Captains Lagoon	Captains Lagoon	Receptor	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0145	0.0131
0020	0020	SD024	25 Oct 2024	0020 QC211 241025	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	<0.005	<0.005	<0.005	0.0005	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	<0.05	<0.01	
0020	0020	SD024	25 Oct 2024	0020 SD024 241025	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005 ⁺¹	<0.0002	0.0003	<0.0006 ⁺¹	<0.0002	<0.0006 ⁺¹	<0.0006 ⁺¹	<0.0002	<0.0006 ⁺¹	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0178	0.0158
0020	0020	SD025	18 Apr 2017	CL SED08 0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005
0020	0020	SD025	18 Apr 2017	JCQA01	Captains Lagoon	Captains Lagoon	Pathway	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.001	0.001
0020	0020	SD025	01 May 2018	CL SD08 0.0 180501	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0023	0.0023
0020	0020	SD025	21 Oct 2021	0020 SD025 211021	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0110	0.0110
0020	0020	SD025	04 Apr 2022	0020 SD025 220404	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0060	0.0060
0020	0020	SD025	10 Oct 2022	0020 SD025 221012	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0033	0.0033
0020	0020	SD025	12 Oct 2022	0020 SD025 221012	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0012	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0151	0.0149
0020	0020	SD025	01 Feb 2023	0020 SD025 230201	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0029	0.0029
0020	0020	SD025	17 Apr 2023	0020 QC103 230417	Captains Lagoon	Captains Lagoon	Pathway	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0028	0.0028
0020	0020	SD025	17 Apr 2023	0020 QC203 230417	Captains Lagoon	Captains Lagoon	Pathway	Interlab D	<0.0002	<-0.005	<0.0005	<0.0005	<-0.001	<0.0002	<-0.005	<-0.001	<0.0002	<-0.001	<-0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.0033	-
0020	0020	SD025	17 Apr 2023	0020 SD025 230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0019	0.0019
0020	0020	SD025	16 Oct 2023	0020 SD025 231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0040	0.0040
0020	0020	SD025	08 Apr 2024	0020 SD025 240408	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0006	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0048	0.0048
0020	0020	SD025	23 Oct 2024	0020 SD025 241023	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0032	0.0032
0020	0020	SD026	26 Mar 2018	CL QC208 180326	Captains Lagoon	Captains Lagoon	Receptor	Interlab D	<-0.005	<-0.005	<-0.005	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.005	<-0.01	<-0.005	<-0.005	<-0.05	<-0.01
0020	0020	SD026	26 Mar 2018	CL SD12 0.0 180326	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	15 May 2018	CL SD12 0.0 180515	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	18 Oct 2021	0020 SD026 211018	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	04 Apr 2022	0020 SD026 220404	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	11 Oct 2022	0020 SD026 221011	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	17 Apr 2023	0020 SD026 230417	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	16 Oct 2023	0020 SD026 231016	Captains Lagoon	Captains Lagoon	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0020	0020	SD026	08 Apr 2024	0020 QC102 240408	Captains Lagoon	Captains Lagoon	Receptor	Field D	<0.0002	<0.															

Appendix C
Table C5
Sediment analytical results - All catchments

								PFAS - Perfluoroalkyl Sulfonamide							PFAS - Fluorotelomer Sulfonic Acids					
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)
EQL	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	mg/kg	mg/kg	
	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0002	

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																		
0021	0021 OTH003	01 Jun 2021	0021_S426Filter_210531	AEC A	RAN SSSS	Tank	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0195	0.0191	
0021	0021 SD001	20 Apr 2017	AB_SED01_0-0.05	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0009	<0.0005	<0.0005	0.0007	<0.0005	0.239	0.233	
0021	0021 SD001	19 Oct 2021	0021_SD001_211019	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	0.0003	<0.0005	<0.0002	0.0005	<0.0005	<0.0002	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.130	0.124	
0021	0021 SD001	05 Apr 2022	0021_SD001_220405	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0204	0.0194	
0021	0021 SD001	13 Oct 2022	0021_SD001_221013	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.0609	0.0582	
0021	0021 SD001	20 Apr 2023	0021_QC113_230420	AEC A	Captains Lagoon	Source	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0154	0.0154	
0021	0021 SD001	20 Apr 2023	0021_QC213_230420	AEC A	Captains Lagoon	Source	Interlab D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.022	-	
0021	0021 SD001	20 Apr 2023	0021_SD001_230420	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0140	0.0137	
0021	0021 SD001	18 Oct 2023	0021_SD001_231018	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0080	0.0080	
0021	0021 SD001	10 Apr 2024	0021_SD001_240410	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0197	0.0193	
0021	0021 SD001	24 Oct 2024	0021_SD001_241024	AEC A	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0626	0.0606	
0021	0021 SD002	20 Apr 2017	AB_SED02_0-0.1	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0003	<0.0005	<0.0005	<0.0002	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	0.175	0.168	
0021	0021 SD002	19 Oct 2021	0021_SD002_211019	AEC A	Mary Creek	Source	Normal	0.0086	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	<0.0012 ⁺¹	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	0.0036	<0.0005	<0.0005	<0.0005	<0.0005	0.719	0.694
0021	0021 SD002	05 Apr 2022	0021_QC201_220405	AEC A	Mary Creek	Source	Interlab D	<0.0006	<0.02	<0.002	<0.002	<0.003	<0.0006	<0.02	<0.003	<0.0006	<0.003	<0.003	<0.0003	<0.0003	<0.0006	<0.0006	0.12	-	
0021	0021 SD002	05 Apr 2022	0021_SD002_220405	AEC A	Mary Creek	Source	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0582	0.0568	
0021	0021 SD002	13 Oct 2022	0021_QC201_221013	AEC A	Mary Creek	Source	Interlab D	0.0042	<0.05	<0.005	<0.005	<0.01	<0.002	<0.05	<0.01	<0.002	<0.01	<0.01	<0.001	<0.001	<0.002	<0.002	0.45	-	
0021	0021 SD002	13 Oct 2022	0021_SD002_221013	AEC A	Mary Creek	Source	Normal	0.0035	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	<0.0012 ⁺¹	<0.0005 ⁺¹	<0.0012 ⁺¹	0.0088	<0.0005	<0.0005	<0.0005	<0.0005	0.649	0.625	
0021	0021 SD002	20 Apr 2023	0021_QC108_230420	AEC A	Mary Creek	Source	Field D	0.0007	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.109	0.105	
0021	0021 SD002	20 Apr 2023	0021_QC208_230420	AEC A	Mary Creek	Source	Interlab D	0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.028	-	
0021	0021 SD002	20 Apr 2023	0021_SD002_230420	AEC A	Mary Creek	Source	Normal	0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0366	0.0355	
0021	0021 SD002	18 Oct 2023	0021_SD002_231018	AEC A	Mary Creek	Source	Normal	0.0005	<0.0005	<0.0002	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0077	<0.0005	<0.0005	<0.0005	<0.0005	0.136	0.122	
0021	0021 SD002	11 Apr 2024	0021_SD002_240411	AEC A	Mary Creek	Source	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.122	0.119	
0021	0021 SD002	25 Oct 2024	0021_SD002_241025	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0140	0.0140	
0021	0021 SD003	20 Apr 2017	AB_SED03_0-0.05	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	0.140	0.138	
0021	0021 SD003	19 Oct 2021	0021_SD003_211019	AEC A	Mary Creek	Source	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0103	0.0103	
0021	0021 SD003	05 Apr 2022	0021_QC103_220405	AEC A	Mary Creek	Source	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0023	0.0023	
0021	0021 SD003	05 Apr 2022	0021_SD003_220405	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0008	
0021	0021 SD003	13 Oct 2022	0021_SD003_221013	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0130	0.0130	
0021	0021 SD003	20 Apr 2023	0021_SD003_230420	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0056	0.0056	
0021	0021 SD003	18 Oct 2023	0021_SD003_231018	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0191	0.0191	
0021	0021 SD003	11 Apr 2024	0021_SD003_240411	AEC A	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005													

Appendix C
Table C5
Sediment analytical results - All catchments

								PFAS - Perfluoroalkyl Sulfonamide							PFAS - Fluorotelomer Sulfonic Acids					
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)
EQL	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	mg/kg	mg/kg	mg/kg
	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																		
0021	0021_SD007	24 Oct 2024	0021_SD007_241024	AEC B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0046	0.0046
0021	0021_SD009	18 Apr 2017	CL_SED09_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0188	0.0186
0021	0021_SD009	20 Oct 2021	0021_SD009_211020	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0004	<0.0005	<0.0002	0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0621	0.0591
0021	0021_SD009	10 Oct 2022	0021_SD009_221010	Captains Lagoon	Captains Lagoon	Pathway	Normal	0.0010	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0329	0.0329
0021	0021_SD009	17 Apr 2023	0021_SD009_230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0429	0.0413
0021	0021_SD009	16 Oct 2023	0021_SD009_231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0005 ^{±1}	<0.0012 ^{±1}	<0.0005 ^{±1}	<0.0005 ^{±1}	<0.0012 ^{±1}	<0.0005 ^{±1}	<0.0012 ^{±1}	<0.0012 ^{±1}	<0.0005 ^{±1}	<0.0012 ^{±1}	<0.0005 ^{±1}	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0782	0.0764
0021	0021_SD009	10 Apr 2024	0021_SD009_240410	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0214	0.0212
0021	0021_SD009	22 Oct 2024	0021_SD009_241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0025 ^{±1}	<0.0062 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	<0.0062 ^{±1}	<0.0025 ^{±1}	<0.0062 ^{±1}	<0.0062 ^{±1}	<0.0025 ^{±1}	<0.0062 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	<0.0025 ^{±1}	0.100	0.100
0021	0021_SD011	20 Apr 2017	CL_SED11_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0027	0.0027
0021	0021_SD011	20 Apr 2017	JCQA05	Captains Lagoon	Captains Lagoon	Pathway	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0020	0.0020
0021	0021_SD011	26 Oct 2024	0021_SD011_241026	Captains Lagoon	Captains Lagoon	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0036	0.0036
0021	0021_SD012	13 Apr 2017	DC_SED01_0-0.1	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0209	0.0209
0021	0021_SD012	20 Oct 2021	0021_SD012_211020	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0076	0.0076
0021	0021_SD012	06 Apr 2022	0021_SD012_220406	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0021	0.0021
0021	0021_SD012	14 Oct 2022	0021_SD012_221014	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0199	0.0199
0021	0021_SD012	21 Apr 2023	0021_SD012_230421	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0010	0.0010
0021	0021_SD012	19 Oct 2023	0021_SD012_231019	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0021	0.0021
0021	0021_SD012	12 Apr 2024	0021_SD012_240412	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021_SD012	22 Oct 2024	0021_SD012_241022	AEC A/B	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0065	0.0065
0021	0021_SD013	13 Apr 2017	DC_SED02_0-0.1	JBRF	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0344	0.0340
0021	0021_SD013	20 Oct 2021	0021_SD013_211020	JBRF	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0199	0.0195
0021	0021_SD013	06 Apr 2022	0021_QC208_220406	JBRF	Mary Creek	Source	Interlab D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	0.02	-
0021	0021_SD013	06 Apr 2022	0021_SD013_220406	JBRF	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0252	0.0248
0021	0021_SD013	14 Oct 2022	0021_SD013_221014	JBRF	Mary Creek	Source	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0523	0.0514
0021	0021_SD013	21 Apr 2023	0021_SD013_230421	JBRF	Mary Creek	Source	Normal	0.0007	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.102	0.0954
0021	0021_SD013	19 Oct 2023	0021_SD013_231019	JBRF	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	0.0006	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.143	0.134
0021	0021_SD013	12 Apr 2024	0021_QC113_240412	JBRF	Mary Creek	Source	Field D	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0349	0.0336
0021	0021_SD013	12 Apr 2024	0021_QC213_240412	JBRF	Mary Creek	Source	Interlab D	0.0005	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	0.032	-
0021	0021_SD013	12 Apr 2024	0021_SD013_240412	JBRF	Mary Creek	Source	Normal	0.0003	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0208	0.0202
0021	0021_SD013	22 Oct 2024	0021_SD013_241022	JBRF	Mary Creek	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005													

								PFAS - Perfluoroalkyl Sulfonamide							PFAS - Fluorotelomer Sulfonic Acids											
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctadecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)			4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)		
EQL	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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	

SPR																										
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																			
0021	0021 SD018	12 Oct 2022	0021 SD018 221012	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0473	0.0473		
0021	0021 SD018	19 Apr 2023	0021 SD018 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	0.0008	<0.0005	<0.0005	0.124	0.121
0021	0021 SD018	18 Oct 2023	0021 SD018 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0207	0.0205	
0021	0021 SD018	10 Apr 2024	0021 SD018 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0634	0.0621	
0021	0021 SD018	26 Oct 2024	0021 SD018 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0379	0.0376	
0021	0021 SD020	18 Apr 2017	JCQA04	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	-	-	
0021	0021 SD020	19 Apr 2017	FC SED08 0.0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0006	<0.0002	<0.0002	<0.0006	<0.0002	<0.0006	<0.0006	<0.0002	<0.0006	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0101	0.0101	
0021	0021 SD020	20 Oct 2021	0021 QC109 211020	Flatrock Creek	Flatrock Creek	Pathway	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0007	0.0007	
0021	0021 SD020	20 Oct 2021	0021 SD020 211020	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0016	0.0016	
0021	0021 SD020	07 Apr 2022	0021 SD020 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0041	0.0035	
0021	0021 SD020	13 Oct 2022	0021 SD020 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0010	0.0010	
0021	0021 SD020	19 Apr 2023	0021 SD020 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0033	0.0033	
0021	0021 SD020	18 Oct 2023	0021 SD020 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	0.0007	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0045	0.0045	
0021	0021 SD020	10 Apr 2024	0021 SD020 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0035	0.0035	
0021	0021 SD020	26 Oct 2024	0021 SD020 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0006 [†]	<0.0002	<0.0002	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0068	0.0068
0021	0021 SD021	20 Apr 2017	AB SED09 0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0073	0.0073	
0021	0021 SD021	26 Oct 2021	0021 SD021 211026	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0426	0.0421	
0021	0021 SD021	07 Apr 2022	0021 SD021 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0304	0.0296	
0021	0021 SD021	13 Oct 2022	0021 SD021 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	0.0002	<0.0005	<0.0002	0.0007	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0572	0.0561	
0021	0021 SD021	19 Apr 2023	0021 QC102 230419	Flatrock Creek	Flatrock Creek	Pathway	Field D	<0.0002	<0.0005	<0.0002	0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0145	0.0143	
0021	0021 SD021	19 Apr 2023	0021 QC202 230419	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	<0.0002	<0.005	<0.0005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.021	-	
0021	0021 SD021	19 Apr 2023	0021 SD021 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0283	0.0272	
0021	0021 SD021	18 Oct 2023	0021 SD021 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0057	0.0057	
0021	0021 SD021	10 Apr 2024	0021 SD021 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0058	0.0058	
0021	0021 SD021	23 Oct 2024	0021 SD021 241023	Flatrock Creek	Flatrock Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0364	0.0358	
0021	0021 SD023	19 Apr 2017	FC SED11 0.0-0.05	AEC C	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.014	0.014	
0021	0021 SD023	21 Oct 2021	0021 SD023 211021	AEC C	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0026	0.0026	
0021	0021 SD023	06 Apr 2022	0021 SD023 220406	AEC C	Captains Lagoon	Source	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0083	0.0083	
0021	0021 SD023	12 Oct 2022	0021 SD023 221012	AEC C	Captains Lagoon	Source	Normal	0.0015	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	0.0512	0.0488	
0021	0021 SD023	20 Apr 2023	0021 SD023 230420	AEC C	Captains Lagoon	Source																				

								PFAS - Perfluoroalkyl Sulfonamide							PFAS - Fluorotelomer Sulfonic Acids											
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctadecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)			4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)		
EQL	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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																		
0021	0021 SD031	17 Oct 2023	0021_QC201_231017	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	-	
0021	0021 SD031	17 Oct 2023	0021_SD031_231017	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD031	09 Apr 2024	0021_QC102_240409	Lake Windermere	Lakes	Receptor	Field_D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD031	09 Apr 2024	0021_QC202_240409	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	-	
0021	0021 SD031	09 Apr 2024	0021_SD031_240409	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	0.0014	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	<0.0002	
0021	0021 SD031	25 Oct 2024	0021_SD031_241025	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD032	14 May 2018	LW_SD03_0.0_180514	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD032	12 Feb 2019	LW_SD03_0.0_190212	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD032	18 Mar 2019	LW_SD03_190319	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD032	22 Oct 2021	0021_QC213_211022	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	-	
0021	0021 SD032	22 Oct 2021	0021_SD032_211022	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD032	26 Oct 2024	0021_SD032_241026	Lake Windermere	Lakes	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD035	20 Mar 2018	MC_SD01_0.0_180320	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	0.0003	
0021	0021 SD035	20 Mar 2018	MC_SD01_0.3_180320	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0007	
0021	0021 SD035	01 May 2018	MC_SD01_0.0_180501	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	0.0016	
0021	0021 SD035	12 Oct 2022	0021_SD035_221012	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0006 [†]	<0.0002	<0.0002	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0608	0.0608	
0021	0021 SD035	18 Apr 2023	0021_SD035_230418	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	0.0002	
0021	0021 SD035	17 Oct 2023	0021_SD035_231017	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	0.0014	
0021	0021 SD035	09 Apr 2024	0021_SD035_240409	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	0.0386	0.0366	
0021	0021 SD035	23 Oct 2024	0021_SD035_241023	Mary Creek	Mary Creek	Receptor	Normal	<0.0002	<0.0006 [†]	<0.0002	0.0003	<0.0006 [†]	<0.0002	<0.0006 [†]	<0.0006 [†]	<0.0002	<0.0006 [†]	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	0.0491	0.0442	
0021	0021 SD036	23 Mar 2018	MC_SD02_0.0_180323	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004	
0021	0021 SD036	11 Oct 2022	0021_SD036_221011	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0161	0.0151	
0021	0021 SD036	18 Apr 2023	0021_SD036_230418	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0021	0.0021	
0021	0021 SD036	17 Oct 2023	0021_SD036_231017	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	0.0016	
0021	0021 SD036	09 Apr 2024	0021_SD036_240409	Mary Creek	Mary Creek	Pathway	Normal	0.0009	<0.0005	<0.0002	0.0003	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	0.0020	<0.0005	<0.0005	<0.0005	<0.0005	0.484	0.467	
0021	0021 SD036	28 Oct 2024	0021_SD036_241028	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0049	0.0046	
0021	0021 SD037	23 Mar 2018	MC_SD03_0.0_180323	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD037	05 May 2018	MC_SD03_0.0_180501	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021 SD037	11 Oct 2022	0021_SD037_221011	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	0.0006	
0021	0021 SD037	18 Apr 2023	0021_SD037_230418	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.		

SPR																									
Site ID	Location	Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																	
0021	0021	SD049	17 Apr 2023	0021 SD049 230417	Summercloud Creek	Summercloud Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007
0021	0021	SD049	18 Oct 2023	0021 SD049 231018	Summercloud Creek	Summercloud Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004
0021	0021	SD049	10 Apr 2024	0021 QC108 240410	Summercloud Creek	Summercloud Creek	Pathway	Field D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	0.0003
0021	0021	SD049	10 Apr 2024	0021 QC208 240410	Summercloud Creek	Summercloud Creek	Pathway	Interlab D	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	-
0021	0021	SD049	10 Apr 2024	0021 SD049 240410	Summercloud Creek	Summercloud Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005
0021	0021	SD049	24 Oct 2024	0021 SD049 241024	Summercloud Creek	Summercloud Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0008
0021	0021	SD050	21 Mar 2018	TC SD01 0.0 180321	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007
0021	0021	SD050	21 Oct 2021	0021 SD050 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	0.0011
0021	0021	SD050	07 Apr 2022	0021 SD050 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	0.0014
0021	0021	SD050	17 Apr 2023	0021 SD050 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	0.0002
0021	0021	SD050	16 Oct 2023	0021 SD050 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005
0021	0021	SD050	10 Apr 2024	0021 SD050 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD050	25 Oct 2024	0021 SD050 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004
0021	0021	SD052	20 Mar 2018	TC SD03 0.0 180320	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD052	21 Oct 2021	0021 SD052 211021	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0028	0.0028
0021	0021	SD052	07 Apr 2022	0021 SD052 220407	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD052	19 Apr 2023	0021 SD052 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD052	16 Oct 2023	0021 SD052 231016	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD052	08 Apr 2024	0021 SD052 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD052	23 Oct 2024	0021 SD052 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0029	0.0029
0021	0021	SD054	20 Mar 2018	TC SD05 0.0 180320	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0045	0.0045
0021	0021	SD054	20 Mar 2018	TC SD05 0.2 180322	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002
0021	0021	SD054	04 Apr 2022	0021 SD054 220404	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0235	0.0225
0021	0021	SD054	19 Apr 2023	0021 SD054 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007
0021	0021	SD054	08 Apr 2024	0021 SD054 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	0.0003	<0.0006 ^{FI}	<0.0002	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0006 ^{FI}	0.0008	<0.0002	<0.0006 ^{FI}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0103	0.0085
0021	0021	SD054	23 Oct 2024	0021 SD054 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0040	0.0040
0021	0021	SD058	21 Mar 2018	TC SD09 0.0 180321	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD058	21 Oct 2021	0021 SD058 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD058	07 Apr 2022	0021 SD058 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004
0021	0021	SD058	12 Oct 2022	0021 SD058 221012	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD058	17 Apr 2023	0021 SD058 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD058	16 Oct 2023	0021 SD058 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004
0021	0021	SD058	10 Apr 2024	0021 SD058 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	0.0012
0021	0021	SD058	25 Oct 2024	0021 SD058 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD059	26 Mar 2018	TC SD10 0.0 180326	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD059	21 Oct 2021	0021 SD059 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD059	07 Apr 2022	0021 SD059 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD059	12 Oct 2022	0021 QC213 221012	Telegraph Creek	Telegraph Creek	Receptor	Interlab D	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0002	<0.0001	-
0021	0021	SD059	12 Oct 2022	0021 SD059 221012	Telegraph Creek	Telegraph Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
0021	0021	SD059	17 Apr 2																						

								PFAS - Perfluoroalkyl Sulfonamide							PFAS - Fluorotelomer Sulfonic Acids				PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)		
								Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)			4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)
EQL								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
								0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001

SPR																									
Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type																		
0021	0021_SD068	19 Apr 2023	0021_SD068_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0111	0.0111	
0021	0021_SD068	17 Oct 2023	0021_SD068_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0056	0.0056	
0021	0021_SD068	10 Apr 2024	0021_SD068_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0052	0.0052	
0021	0021_SD068	23 Oct 2024	0021_SD068_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	0.0012	
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0014	
0021	0021_SD069	11 Feb 2019	UN2_SD04_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0008	
0021	0021_SD069	18 Mar 2019	UN2_SD04_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0129	0.0129	
0021	0021_SD069	12 Oct 2022	0021_SD069_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0053	0.0053	
0021	0021_SD069	19 Apr 2023	0021_SD069_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0108	0.0108	
0021	0021_SD069	17 Oct 2023	0021_SD069_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0205	0.0205	
0021	0021_SD069	10 Apr 2024	0021_QC107_240410	Unnamed Water Bodies	Clay Pools	Receptor	Field_D	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0512	0.0512	
0021	0021_SD069	10 Apr 2024	0021_QC207_240410	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.002	<0.005	<0.0002	<0.02	<0.01	<0.0002	<0.005	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.048	-	
0021	0021_SD069	10 Apr 2024	0021_SD069_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0457	0.0448	
0021	0021_SD069	23 Oct 2024	0021_SD069_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0238	0.0238	
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007	
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	
0021	0021_SD070	11 Feb 2019	UN2_SD05_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	0.0006	
0021	0021_SD070	18 Mar 2019	UN2_SD05_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.004	0.0040	
0021	0021_SD070	12 Oct 2022	0021_QC212_221012	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	<0.0002	<0.005	<0.0005	<0.0005	<0.001	<0.0002	<0.005	<0.001	<0.0002	<0.001	<0.001	<0.0001	<0.0001	<0.0002	<0.0002	0.0013	-	
0021	0021_SD070	12 Oct 2022	0021_SD070_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021_SD070	19 Apr 2023	0021_SD070_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0037	0.0037	
0021	0021_SD070	17 Oct 2023	0021_SD070_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021_SD070	10 Apr 2024	0021_SD070_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0049	0.0049	
0021	0021_SD070	23 Oct 2024	0021_SD070_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	0.0002	
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.0_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0015	0.0015	
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.2_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	<0.0002	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002
0021	0021_SD073	17 May 2018	UN3_SD03_0.0_180517	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0006 ^{†1}	<0.0002	<0.0006 ^{†1}	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	0.0011	
0021	0021_SD073	22 Oct 2021	0021_QC113_211022	Ryans Swamp	Bherwerre Barrier	Receptor	Field_D	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0013	0.0013	
0021	0021_SD073	22 Oct 2021	0021_SD073_211022	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<			

					PFAS - Perfluoroalkyl Sulfonamide								PFAS - Fluorotelomer Sulfonic Acids					
	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MEFOSE)	Perfluorooctane sulfonamide (FOSA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	
	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	mg/kg
EQL	0.0001	0.0001	0.0001	0.0001	0.0005	0.0002	0.0005	0.0005	0.0002	0.0005	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR																			
						Classification	Sample Type																		
0021	0021_SD111	23 Oct 2024	0021_SD111_241023	Mary Creek	Mary Creek	Pathway	Normal	<0.0002	<0.0006 ^{#1}	<0.0002	<0.0002	<0.0006 ^{#1}	<0.0002	<0.0006 ^{#1}	<0.0006 ^{#1}	<0.0002	<0.0006 ^{#1}	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.156	0.148
0021	0021_SD188	21 Dec 2022	0021_SD188_221221	Summercloud Creek	Summercloud Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
0021	0021_SD188	24 Oct 2024	0021_SD188_241024	Summercloud Creek	Summercloud Creek	Receptor	Normal	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/bra

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR		Sample Type			
						Classification					
0020	0020_SD001	19 Apr 2017	FC_SED01_0-0.05	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	15 May 2018	FC_QC215_180515	Flatrock Creek	Flatrock Creek	Receptor		Interlab_D	-	<0.005	-
0020	0020_SD001	15 May 2018	FC_SD01_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	15 May 2018	FC_SD01_0.2_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	19 Oct 2021	0020_QC103_211019	Flatrock Creek	Flatrock Creek	Receptor		Field_D	-	<0.0002	-
0020	0020_SD001	19 Oct 2021	0020_SD001_211019	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	04 Apr 2022	0020_QC201_220404	Flatrock Creek	Flatrock Creek	Receptor		Interlab_D	<0.0001	<0.0001	-
0020	0020_SD001	04 Apr 2022	0020_SD001_220404	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	10 Oct 2022	0020_SD001_221010	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	17 Apr 2023	0020_SD001_230417	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	16 Oct 2023	0020_SD001_231016	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	08 Apr 2024	0020_SD001_240408	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD001	25 Oct 2024	0020_SD001_241025	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0004	-
0020	0020_SD002	19 Apr 2017	FC_SED02_0-0.05	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0056	-
0020	0020_SD002	15 May 2018	FC_SD02_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD002	19 Oct 2021	0020_QC203_211019	Flatrock Creek	Flatrock Creek	Receptor		Interlab_D	0.0002	0.0002	-
0020	0020_SD002	19 Oct 2021	0020_SD002_211019	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD002	04 Apr 2022	0020_QC101_220404	Flatrock Creek	Flatrock Creek	Receptor		Field_D	-	<0.0002	-
0020	0020_SD002	04 Apr 2022	0020_SD002_220404	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD002	10 Oct 2022	0020_SD002_221010	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0004	-
0020	0020_SD002	17 Apr 2023	0020_SD002_230417	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0042	-
0020	0020_SD002	16 Oct 2023	0020_SD002_231016	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD002	08 Apr 2024	0020_SD002_240408	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0011	-
0020	0020_SD002	25 Oct 2024	0020_SD002_241025	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0004	-
0020	0020_SD004	19 Apr 2017	FC_SED04_0-0.05	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0014	-
0020	0020_SD004	15 May 2018	FC_SD04_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0017	-
0020	0020_SD004	15 May 2018	FC_SD04_0.2_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0017	-
0020	0020_SD004	18 Oct 2021	0020_SD004_211018	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0025	-
0020	0020_SD004	04 Apr 2022	0020_SD004_220404	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD004	10 Oct 2022	0020_SD004_221010	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0007	-
0020	0020_SD004	17 Apr 2023	0020_SD004_230417	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0017	-
0020	0020_SD004	16 Oct 2023	0020_SD004_231016	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0060	-
0020	0020_SD004	08 Apr 2024	0020_SD004_240408	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0051	-
0020	0020_SD004	21 Oct 2024	0020_QC150_241021	Flatrock Creek	Flatrock Creek	Receptor		Field_D	-	<0.0002	-
0020	0020_SD004	21 Oct 2024	0020_SD004_241021	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0002	-
0020	0020_SD006	21 Mar 2018	FC_SD13_0.0_180321	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0009	-
0020	0020_SD006	19 Oct 2021	0020_SD006_211019	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0029	-
0020	0020_SD006	04 Apr 2022	0020_SD006_220404	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0010	-
0020	0020_SD006	12 Oct 2022	0020_SD006_221012	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0004	-
0020	0020_SD006	17 Apr 2023	0020_SD006_230417	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0005	-
0020	0020_SD006	16 Oct 2023	0020_QC103_231016	Flatrock Creek	Flatrock Creek	Pathway		Field_D	-	0.0025	-
0020	0020_SD006	16 Oct 2023	0020_QC203_231016	Flatrock Creek	Flatrock Creek	Pathway		Interlab_D	0.0049	0.0054	-
0020	0020_SD006	16 Oct 2023	0020_SD006_231016	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0024	-
0020	0020_SD006	08 Apr 2024	0020_SD006_240408	Flatrock Creek	Flatrock Creek	Pathway		Normal	-	0.0038	-
0020	0020_SD007	05 Apr 2018	FC_SD14_0.0_180406	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	15 May 2018	FC_SD14_0.0_180515	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	19 Oct 2021	0020_SD007_211019	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	04 Apr 2022	0020_SD007_220404	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	10 Oct 2022	0020_SD007_221010	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	17 Apr 2023	0020_SD007_230417	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	16 Oct 2023	0020_SD007_231016	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	08 Apr 2024	0020_SD007_240408	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	<0.0002	-
0020	0020_SD007	25 Oct 2024	0020_SD007_241025	Flatrock Creek	Flatrock Creek	Receptor		Normal	-	0.0002	-
0020	0020_SD018	18 Apr 2017	CL_SED01_0-0.05	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0002	-
0020	0020_SD018	01 May 2018	CL_SD01_0.0_180501	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0018	-
0020	0020_SD018	18 Oct 2021	0020_SD018_211018	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0012	-
0020	0020_SD018	04 Apr 2022	0020_SD018_220404	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD018	11 Oct 2022	0020_QC203_221011	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	0.0002	0.0002	-
0020	0020_SD018	11 Oct 2022	0020_SD018_221011	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0003	-
0020	0020_SD018	17 Apr 2023	0020_SD018_230417	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0006	-
0020	0020_SD018	16 Oct 2023	0020_QC102_231016	Captains Lagoon	Captains Lagoon	Receptor		Field_D	-	0.0008	-
0020	0020_SD018	16 Oct 2023	0020_QC202_231016	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	0.0007	0.0007	-
0020	0020_SD018	16 Oct 2023	0020_SD018_231016	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0005	-
0020	0020_SD018	08 Apr 2024	0020_SD018_240408	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD018	25 Oct 2024	0020_SD018_241025	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0025	-
0020	0020_SD019	18 Apr 2017	CL_SED02_0-0.05	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0024	-
0020	0020_SD019	01 May 2018	CL_SD02_0.0_180501	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0028	-
0020	0020_SD019	18 Oct 2021	0020_QC201_211018	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	0.011	0.011	-
0020	0020_SD019	18 Oct 2021	0020_SD019_211018	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0099	-
0020	0020_SD019	04 Apr 2022	0020_SD019_220404	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0085	-
0020	0020_SD019	11 Oct 2022	0020_SD019_221011	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0577	-
0020	0020_SD019	17 Apr 2023	0020_SD019_230417	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0195	-
0020	0020_SD019	16 Oct 2023	0020_SD019_231016	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.453	-
0020	0020_SD019	08 Apr 2024	0020_QC103_240408	Captains Lagoon	Captains Lagoon	Receptor		Field_D	-	0.0101	-
0020	0020_SD019	08 Apr 2024	0020_QC203_240408	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	0.01	0.011	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR		Sample Type			
						Classification					
0020	0020_SD019	08 Apr 2024	0020_SD019_240408	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0123	-
0020	0020_SD019	25 Oct 2024	0020_SD019_241025	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0017	-
0020	0020_SD024	18 Apr 2017	CL_SED07_0-0.05	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0145	-
0020	0020_SD024	01 May 2018	CL_QC220_180501	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	-	<0.005	-
0020	0020_SD024	01 May 2018	CL_SD07_0.0_180501	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD024	18 Oct 2021	0020_SD024_211018	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0008	-
0020	0020_SD024	04 Apr 2022	0020_SD024_220404	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0003	-
0020	0020_SD024	10 Oct 2022	0020_SD024_221012	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD024	12 Oct 2022	0020_SD024_221012	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0003	-
0020	0020_SD024	30 Jan 2023	0020_QC140_230130	Captains Lagoon	Captains Lagoon	Receptor		Field_D	-	0.0005	-
0020	0020_SD024	30 Jan 2023	0020_SD024_230130	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0011	-
0020	0020_SD024	17 Apr 2023	0020_SD024_230417	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0012	-
0020	0020_SD024	16 Oct 2023	0020_SD024_231016	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0005	-
0020	0020_SD024	08 Apr 2024	0020_SD024_240408	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0016	-
0020	0020_SD024	25 Oct 2024	0020_QC111_241025	Captains Lagoon	Captains Lagoon	Receptor		Field_D	-	0.0118	-
0020	0020_SD024	25 Oct 2024	0020_QC211_241025	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	<0.005	<0.005	<0.005
0020	0020_SD024	25 Oct 2024	0020_SD024_241025	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	0.0158	-
0020	0020_SD025	18 Apr 2017	CL_SED08_0-0.05	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0005	-
0020	0020_SD025	18 Apr 2017	JCQA01	Captains Lagoon	Captains Lagoon	Pathway		Field_D	-	0.001	-
0020	0020_SD025	01 May 2021	CL_SD08_0.0_180501	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0023	-
0020	0020_SD025	21 Oct 2021	0020_SD025_211021	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0079	-
0020	0020_SD025	04 Apr 2022	0020_SD025_220404	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0057	-
0020	0020_SD025	10 Oct 2022	0020_SD025_221012	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0033	-
0020	0020_SD025	12 Oct 2022	0020_SD025_221012	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0124	-
0020	0020_SD025	01 Feb 2023	0020_SD025_230201	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0029	-
0020	0020_SD025	17 Apr 2023	0020_QC103_230417	Captains Lagoon	Captains Lagoon	Pathway		Field_D	-	0.0028	-
0020	0020_SD025	17 Apr 2023	0020_QC203_230417	Captains Lagoon	Captains Lagoon	Pathway		Interlab_D	0.0029	0.0033	-
0020	0020_SD025	17 Apr 2023	0020_SD025_230417	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0019	-
0020	0020_SD025	16 Oct 2023	0020_SD025_231016	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0040	-
0020	0020_SD025	08 Apr 2024	0020_SD025_240408	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0034	-
0020	0020_SD025	23 Oct 2024	0020_SD025_241023	Captains Lagoon	Captains Lagoon	Pathway		Normal	-	0.0032	-
0020	0020_SD026	26 Mar 2018	CL_QC208_180326	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	-	<0.005	-
0020	0020_SD026	26 Mar 2018	CL_SD12_0.0_180326	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	15 May 2018	CL_SD12_0.0_180515	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	18 Oct 2021	0020_SD026_211018	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	04 Apr 2022	0020_SD026_220404	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	11 Oct 2022	0020_SD026_221011	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	17 Apr 2023	0020_SD026_230417	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	16 Oct 2023	0020_SD026_231016	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	08 Apr 2024	0020_QC102_240408	Captains Lagoon	Captains Lagoon	Receptor		Field_D	-	<0.0002	-
0020	0020_SD026	08 Apr 2024	0020_QC202_240408	Captains Lagoon	Captains Lagoon	Receptor		Interlab_D	0.0003	0.0003	-
0020	0020_SD026	08 Apr 2024	0020_SD026_240408	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD026	25 Oct 2024	0020_SD026_241025	Captains Lagoon	Captains Lagoon	Receptor		Normal	-	<0.0002	-
0020	0020_SD028	10 Apr 2017	E_SED01_0-0.1	AEC E	Flatrock Creek	Source		Normal	-	0.0017	-
0020	0020_SD028	18 Oct 2021	0020_SD028_211018	AEC E	Flatrock Creek	Source		Normal	-	0.0102	-
0020	0020_SD028	08 Apr 2022	0020_SD028_220408	AEC E	Flatrock Creek	Source		Normal	-	0.0877	-
0020	0020_SD028	11 Oct 2022	0020_SD028_221011	AEC E	Flatrock Creek	Source		Normal	-	0.0332	-
0020	0020_SD028	17 Apr 2023	0020_SD028_230417	AEC E	Flatrock Creek	Source		Normal	-	0.0030	-
0020	0020_SD028	16 Oct 2023	0020_SD028_231016	AEC E	Flatrock Creek	Source		Normal	-	0.0034	-
0020	0020_SD028	08 Apr 2024	0020_SD028_240408	AEC E	Flatrock Creek	Source		Normal	-	0.0099	-
0020	0020_SD028	21 Oct 2024	0020_SD028_241021	AEC E	Flatrock Creek	Source		Normal	-	0.0011	-
0020	0020_SD032	10 Apr 2017	F_SED01	AEC F	Flatrock Creek	Pathway		Normal	-	0.0140	-
0020	0020_SD032	18 Oct 2021	0020_QC101_211018	AEC F	Flatrock Creek	Pathway		Field_D	-	0.0125	-
0020	0020_SD032	18 Oct 2021	0020_SD032_211018	AEC F	Flatrock Creek	Pathway		Normal	-	0.0110	-
0020	0020_SD032	13 Dec 2021	0020_SD032_211213	AEC F	Flatrock Creek	Pathway		Normal	-	0.137	-
0020	0020_SD032	04 Apr 2022	0020_SD032_220404	AEC F	Flatrock Creek	Pathway		Normal	-	0.0169	-
0020	0020_SD032	10 Oct 2022	0020_SD032_221010	AEC F	Flatrock Creek	Pathway		Normal	-	0.181	-
0020	0020_SD032	17 Apr 2023	0020_QC100_230417	AEC F	Flatrock Creek	Pathway		Field_D	-	0.0105	-
0020	0020_SD032	17 Apr 2023	0020_QC200_230417	AEC F	Flatrock Creek	Pathway		Interlab_D	0.0097	0.011	-
0020	0020_SD032	17 Apr 2023	0020_SD032_230417	AEC F	Flatrock Creek	Pathway		Normal	-	0.0053	-
0020	0020_SD032	16 Oct 2023	0020_SD032_231016	AEC F	Flatrock Creek	Pathway		Normal	-	0.0124	-
0020	0020_SD032	08 Apr 2024	0020_SD032_240408	AEC F	Flatrock Creek	Pathway		Normal	-	0.0143	-
0020	0020_SD032	22 Oct 2024	0020_QC252_241022	AEC F	Flatrock Creek	Pathway		Interlab_D	0.017	0.017	0.017
0020	0020_SD032	22 Oct 2024	0020_SD032_241022	AEC F	Flatrock Creek	Pathway		Normal	-	0.0106	-
0020	0020_SD033	10 Apr 2017	F_SED02	AEC F	Flatrock Creek	Pathway		Normal	-	0.0055	-
0020	0020_SD033	19 Oct 2021	0020_SD033_211019	AEC F	Flatrock Creek	Pathway		Normal	-	0.0257	-
0020	0020_SD033	13 Dec 2021	0020_SD033_211213	AEC F	Flatrock Creek	Pathway		Normal	-	0.0518	-
0020	0020_SD033	04 Apr 2022	0020_SD033_220404	AEC F	Flatrock Creek	Pathway		Normal	-	0.0309	-
0020	0020_SD033	10 Oct 2022	0020_QC200_221010	AEC F	Flatrock Creek	Pathway		Interlab_D	0.02	0.021	-
0020	0020_SD033	10 Oct 2022	0020_SD033_221010	AEC F	Flatrock Creek	Pathway		Normal	-	0.0137	-
0020	0020_SD033	17 Apr 2023	0020_SD033_230417	AEC F	Flatrock Creek	Pathway		Normal	-	0.0120	-
0020	0020_SD033	16 Oct 2023	0020_SD033_231016	AEC F	Flatrock Creek	Pathway		Normal	-	0.0148	-
0020	0020_SD033	08 Apr 2024	0020_SD033_240408	AEC F	Flatrock Creek	Pathway		Normal	-	0.0134	-
0020	0020_SD033	22 Oct 2024	0020_SD033_241022	AEC F	Flatrock Creek	Pathway		Normal	-	0.0270	-
0021	0021_OTH003	16 Nov 2017	A_S426_Oil	AEC A	RAN SSSS	Tank		Normal	-	-	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR		Sample Type			
						Classification					
0021	0021_OTH003	01 Jun 2021	0021_S426Filter_210531	AEC A	RAN SSSS	Tank		Normal	-	0.0185	-
0021	0021_SD001	20 Apr 2017	AB_SED01_0-0.05	AEC A	Captains Lagoon	Source		Normal	-	0.231	-
0021	0021_SD001	19 Oct 2021	0021_SD001_211019	AEC A	Captains Lagoon	Source		Normal	-	0.122	-
0021	0021_SD001	05 Apr 2022	0021_SD001_220405	AEC A	Captains Lagoon	Source		Normal	-	0.0194	-
0021	0021_SD001	13 Oct 2022	0021_SD001_221013	AEC A	Captains Lagoon	Source		Normal	-	0.0574	-
0021	0021_SD001	20 Apr 2023	0021_QC113_230420	AEC A	Captains Lagoon	Source		Field_D	-	0.0149	-
0021	0021_SD001	20 Apr 2023	0021_QC213_230420	AEC A	Captains Lagoon	Source		Interlab_D	0.019	0.021	-
0021	0021_SD001	20 Apr 2023	0021_SD001_230420	AEC A	Captains Lagoon	Source		Normal	-	0.0133	-
0021	0021_SD001	18 Oct 2023	0021_SD001_231018	AEC A	Captains Lagoon	Source		Normal	-	0.0080	-
0021	0021_SD001	10 Apr 2024	0021_SD001_240410	AEC A	Captains Lagoon	Source		Normal	-	0.0193	-
0021	0021_SD001	24 Oct 2024	0021_SD001_241024	AEC A	Captains Lagoon	Source		Normal	-	0.0591	-
0021	0021_SD002	20 Apr 2017	AB_SED02_0-0.1	AEC A	Mary Creek	Source		Normal	-	0.163	-
0021	0021_SD002	19 Oct 2021	0021_SD002_211019	AEC A	Mary Creek	Source		Normal	-	0.658	-
0021	0021_SD002	05 Apr 2022	0021_QC201_220405	AEC A	Mary Creek	Source		Interlab_D	0.11	0.12	-
0021	0021_SD002	05 Apr 2022	0021_SD002_220405	AEC A	Mary Creek	Source		Normal	-	0.0541	-
0021	0021_SD002	13 Oct 2022	0021_QC201_221013	AEC A	Mary Creek	Source		Interlab_D	0.36	0.41	-
0021	0021_SD002	13 Oct 2022	0021_SD002_221013	AEC A	Mary Creek	Source		Normal	-	0.603	-
0021	0021_SD002	20 Apr 2023	0021_QC108_230420	AEC A	Mary Creek	Source		Field_D	-	0.101	-
0021	0021_SD002	20 Apr 2023	0021_QC208_230420	AEC A	Mary Creek	Source		Interlab_D	0.021	0.026	-
0021	0021_SD002	20 Apr 2023	0021_SD002_230420	AEC A	Mary Creek	Source		Normal	-	0.0343	-
0021	0021_SD002	18 Oct 2023	0021_SD002_231018	AEC A	Mary Creek	Source		Normal	-	0.120	-
0021	0021_SD002	11 Apr 2024	0021_SD002_240411	AEC A	Mary Creek	Source		Normal	-	0.117	-
0021	0021_SD002	25 Oct 2024	0021_SD002_241025	AEC A	Mary Creek	Source		Normal	-	0.0135	-
0021	0021_SD003	20 Apr 2017	AB_SED03_0-0.05	AEC A	Mary Creek	Source		Normal	-	0.136	-
0021	0021_SD003	19 Oct 2021	0021_SD003_211019	AEC A	Mary Creek	Source		Normal	-	0.0091	-
0021	0021_SD003	05 Apr 2022	0021_QC103_220405	AEC A	Mary Creek	Source		Field_D	-	0.0023	-
0021	0021_SD003	05 Apr 2022	0021_SD003_220405	AEC A	Mary Creek	Source		Normal	-	0.0008	-
0021	0021_SD003	13 Oct 2022	0021_SD003_221013	AEC A	Mary Creek	Source		Normal	-	0.0130	-
0021	0021_SD003	20 Apr 2023	0021_SD003_230420	AEC A	Mary Creek	Source		Normal	-	0.0056	-
0021	0021_SD003	18 Oct 2023	0021_SD003_231018	AEC A	Mary Creek	Source		Normal	-	0.0188	-
0021	0021_SD003	11 Apr 2024	0021_SD003_240411	AEC A	Mary Creek	Source		Normal	-	0.0088	-
0021	0021_SD003	25 Oct 2024	0021_QC260_241025	AEC A	Mary Creek	Source		Interlab_D	<0.005	<0.005	<0.005
0021	0021_SD003	25 Oct 2024	0021_SD003_241025	AEC A	Mary Creek	Source		Normal	-	0.0044	-
0021	0021_SD004	13 Apr 2017	AB_SED04	AEC B	Mary Creek	Source		Normal	-	0.0003	-
0021	0021_SD004	13 Apr 2017	TNQA07	AEC B	Mary Creek	Source		Field_D	-	0.0003	-
0021	0021_SD004	26 Oct 2021	0021_QC204_211026	AEC B	Mary Creek	Source		Interlab_D	0.0013	0.0013	-
0021	0021_SD004	26 Oct 2021	0021_SD004_211026	AEC B	Mary Creek	Source		Normal	-	0.0019	-
0021	0021_SD004	06 Apr 2022	0021_SD004_220406	AEC B	Mary Creek	Source		Normal	-	0.0032	-
0021	0021_SD004	14 Oct 2022	0021_SD004_221014	AEC B	Mary Creek	Source		Normal	-	0.0008	-
0021	0021_SD004	21 Apr 2023	0021_SD004_230421	AEC B	Mary Creek	Source		Normal	-	0.0009	-
0021	0021_SD004	19 Oct 2023	0021_QC113_231019	AEC B	Mary Creek	Source		Field_D	-	0.0023	-
0021	0021_SD004	19 Oct 2023	0021_QC213_231019	AEC B	Mary Creek	Source		Interlab_D	0.0020	0.0021	-
0021	0021_SD004	19 Oct 2023	0021_SD004_231019	AEC B	Mary Creek	Source		Normal	-	0.0027	-
0021	0021_SD004	12 Apr 2024	0021_SD004_240412	AEC B	Mary Creek	Source		Normal	-	0.0018	-
0021	0021_SD004	22 Oct 2024	0021_QC101_241022	AEC B	Mary Creek	Source		Field_D	-	0.0010	-
0021	0021_SD004	22 Oct 2024	0021_QC201_241022	AEC B	Mary Creek	Source		Interlab_D	<0.005	<0.005	<0.005
0021	0021_SD004	22 Oct 2024	0021_SD004_241022	AEC B	Mary Creek	Source		Normal	-	0.0010	-
0021	0021_SD005	13 Apr 2017	AB_SED06_0-0.05	AEC A/B	Mary Creek	Source		Normal	-	<0.0002	-
0021	0021_SD005	20 Oct 2021	0021_SD005_211020	AEC A/B	Mary Creek	Source		Normal	-	0.0010	-
0021	0021_SD005	06 Apr 2022	0021_SD005_220406	AEC A/B	Mary Creek	Source		Normal	-	<0.0002	-
0021	0021_SD005	14 Oct 2022	0021_SD005_221014	AEC A/B	Mary Creek	Source		Normal	-	<0.0002	-
0021	0021_SD005	21 Apr 2023	0021_SD005_230421	AEC A/B	Mary Creek	Source		Normal	-	<0.0002	-
0021	0021_SD005	19 Oct 2023	0021_SD005_231019	AEC A/B	Mary Creek	Source		Normal	-	<0.0002	-
0021	0021_SD005	12 Apr 2024	0021_QC115_240412	AEC A/B	Mary Creek	Source		Field_D	-	0.0015	-
0021	0021_SD005	12 Apr 2024	0021_QC215_240412	AEC A/B	Mary Creek	Source		Interlab_D	0.0054	0.0070	-
0021	0021_SD005	12 Apr 2024	0021_SD005_240412	AEC A/B	Mary Creek	Source		Normal	-	0.0005	-
0021	0021_SD005	22 Oct 2024	0021_SD005_241022	AEC A/B	Mary Creek	Source		Normal	-	0.0004	-
0021	0021_SD006	12 Apr 2017	B_SED01_0.3-0.4	AEC B	Mary Creek	Pathway		Normal	-	0.0298	-
0021	0021_SD006	20 Oct 2021	0021_SD006_211020	AEC B	Mary Creek	Pathway		Normal	-	0.859	-
0021	0021_SD006	12 Oct 2022	0021_SD006_221012	AEC B	Mary Creek	Pathway		Normal	-	0.553	-
0021	0021_SD006	19 Apr 2023	0021_SD006_230419	AEC B	Mary Creek	Pathway		Normal	-	0.102	-
0021	0021_SD006	18 Oct 2023	0021_SD006_231018	AEC B	Mary Creek	Pathway		Normal	-	1.10	-
0021	0021_SD006	10 Apr 2024	0021_SD006_240410	AEC B	Mary Creek	Pathway		Normal	-	0.148	-
0021	0021_SD006	25 Oct 2024	0021_SD006_241025	AEC B	Mary Creek	Pathway		Normal	-	0.301	-
0021	0021_SD007	11 Apr 2017	B_SED02_0-0.1	AEC B	Mary Creek	Source		Normal	-	0.0032	-
0021	0021_SD007	20 Oct 2021	0021_QC104_211020	AEC B	Mary Creek	Source		Field_D	-	0.0026	-
0021	0021_SD007	20 Oct 2021	0021_SD007_211020	AEC B	Mary Creek	Source		Normal	-	0.0041	-
0021	0021_SD007	07 Apr 2022	0021_SD007_220407	AEC B	Mary Creek	Source		Normal	-	0.0161	-
0021	0021_SD007	12 Oct 2022	0021_SD007_221012	AEC B	Mary Creek	Source		Normal	-	0.0262	-
0021	0021_SD007	20 Apr 2023	0021_QC114_230420	AEC B	Mary Creek	Source		Field_D	-	0.0130	-
0021	0021_SD007	20 Apr 2023	0021_QC214_230420	AEC B	Mary Creek	Source		Interlab_D	0.018	0.019	-
0021	0021_SD007	20 Apr 2023	0021_SD007_230420	AEC B	Mary Creek	Source		Normal	-	0.0178	-
0021	0021_SD007	18 Oct 2023	0021_SD007_231018	AEC B	Mary Creek	Source		Normal	-	0.0231	-
0021	0021_SD007	10 Apr 2024	0021_SD007_240410	AEC B	Mary Creek	Source		Normal	-	0.0083	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	Classification	Sample Type	SPR		
0021	0021_SD007	24 Oct 2024	0021_SD007_241024	AEC B	Mary Creek	Source	Normal	-	0.0046	-
0021	0021_SD009	18 Apr 2017	CL_SED09_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0161	-
0021	0021_SD009	20 Oct 2021	0021_SD009_211020	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0575	-
0021	0021_SD009	10 Oct 2022	0021_SD009_221010	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0306	-
0021	0021_SD009	17 Apr 2023	0021_SD009_230417	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0408	-
0021	0021_SD009	16 Oct 2023	0021_SD009_231016	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0757	-
0021	0021_SD009	10 Apr 2024	0021_SD009_240410	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0212	-
0021	0021_SD009	22 Oct 2024	0021_SD009_241022	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0954	-
0021	0021_SD011	20 Apr 2017	CL_SED11_0-0.05	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0027	-
0021	0021_SD011	20 Apr 2017	JCQA05	Captains Lagoon	Captains Lagoon	Pathway	Field_D	-	0.0020	-
0021	0021_SD011	26 Oct 2024	0021_SD011_241026	Captains Lagoon	Captains Lagoon	Pathway	Normal	-	0.0036	-
0021	0021_SD012	13 Apr 2017	DC_SED01_0-0.1	AEC A/B	Mary Creek	Source	Normal	-	0.0209	-
0021	0021_SD012	20 Oct 2021	0021_SD012_211020	AEC A/B	Mary Creek	Source	Normal	-	0.0076	-
0021	0021_SD012	06 Apr 2022	0021_SD012_220406	AEC A/B	Mary Creek	Source	Normal	-	0.0021	-
0021	0021_SD012	14 Oct 2022	0021_SD012_221014	AEC A/B	Mary Creek	Source	Normal	-	0.0199	-
0021	0021_SD012	21 Apr 2023	0021_SD012_230421	AEC A/B	Mary Creek	Source	Normal	-	0.0010	-
0021	0021_SD012	19 Oct 2023	0021_SD012_231019	AEC A/B	Mary Creek	Source	Normal	-	0.0021	-
0021	0021_SD012	12 Apr 2024	0021_SD012_240412	AEC A/B	Mary Creek	Source	Normal	-	<0.0002	-
0021	0021_SD012	22 Oct 2024	0021_SD012_241022	AEC A/B	Mary Creek	Source	Normal	-	0.0065	-
0021	0021_SD013	13 Apr 2017	DC_SED02_0-0.1	JBRF	Mary Creek	Source	Normal	-	0.0338	-
0021	0021_SD013	20 Oct 2021	0021_SD013_211020	JBRF	Mary Creek	Source	Normal	-	0.0189	-
0021	0021_SD013	06 Apr 2022	0021_QC208_220406	JBRF	Mary Creek	Source	Interlab_D	0.013	0.019	-
0021	0021_SD013	06 Apr 2022	0021_SD013_220406	JBRF	Mary Creek	Source	Normal	-	0.0244	-
0021	0021_SD013	14 Oct 2022	0021_SD013_221014	JBRF	Mary Creek	Source	Normal	-	0.0496	-
0021	0021_SD013	21 Apr 2023	0021_SD013_230421	JBRF	Mary Creek	Source	Normal	-	0.0882	-
0021	0021_SD013	19 Oct 2023	0021_SD013_231019	JBRF	Mary Creek	Source	Normal	-	0.133	-
0021	0021_SD013	12 Apr 2024	0021_QC113_240412	JBRF	Mary Creek	Source	Field_D	-	0.0316	-
0021	0021_SD013	12 Apr 2024	0021_QC213_240412	JBRF	Mary Creek	Source	Interlab_D	0.019	0.028	-
0021	0021_SD013	12 Apr 2024	0021_SD013_240412	JBRF	Mary Creek	Source	Normal	-	0.0187	-
0021	0021_SD013	22 Oct 2024	0021_SD013_241022	JBRF	Mary Creek	Source	Normal	-	0.0170	-
0021	0021_SD014	13 Apr 2017	DC_SED03_0-0.1	JBRF	Mary Creek	Pathway	Normal	-	0.0025	-
0021	0021_SD014	20 Oct 2021	0021_QC106_211020	JBRF	Mary Creek	Pathway	Field_D	-	0.0174	-
0021	0021_SD014	20 Oct 2021	0021_SD014_211020	JBRF	Mary Creek	Pathway	Normal	-	0.0193	-
0021	0021_SD014	06 Apr 2022	0021_QC108_220406	JBRF	Mary Creek	Pathway	Field_D	-	0.0009	-
0021	0021_SD014	06 Apr 2022	0021_SD014_220406	JBRF	Mary Creek	Pathway	Normal	-	0.0010	-
0021	0021_SD014	14 Oct 2022	0021_QC215_221014	JBRF	Mary Creek	Pathway	Interlab_D	0.0002	0.0006	-
0021	0021_SD014	14 Oct 2022	0021_SD014_221014	JBRF	Mary Creek	Pathway	Normal	-	0.0007	-
0021	0021_SD014	21 Apr 2023	0021_SD014_230421	JBRF	Mary Creek	Pathway	Normal	-	0.0020	-
0021	0021_SD014	19 Oct 2023	0021_SD014_231019	JBRF	Mary Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD014	22 Oct 2024	0021_SD014_241022	JBRF	Mary Creek	Pathway	Normal	-	0.0472	-
0021	0021_SD014	23 Oct 2024	0021_QC102_241022	JBRF	Mary Creek	Pathway	Field_D	-	0.0718	-
0021	0021_SD014	23 Oct 2024	0021_QC202_241022	JBRF	Mary Creek	Pathway	Field_D	-	0.0411	-
0021	0021_SD015	20 Apr 2017	DC_SED04_0-0.05	JBRF	Captains Lagoon	Pathway	Normal	-	0.0213	-
0021	0021_SD015	19 Oct 2021	0021_SD015_211019	JBRF	Captains Lagoon	Pathway	Normal	-	0.0198	-
0021	0021_SD015	05 Apr 2022	0021_SD015_220405	JBRF	Captains Lagoon	Pathway	Normal	-	0.0166	-
0021	0021_SD015	13 Oct 2022	0021_SD015_221013	JBRF	Captains Lagoon	Pathway	Normal	-	0.0492	-
0021	0021_SD015	20 Apr 2023	0021_QC115_230420	JBRF	Captains Lagoon	Pathway	Field_D	-	0.0463	-
0021	0021_SD015	20 Apr 2023	0021_QC215_230420	JBRF	Captains Lagoon	Pathway	Interlab_D	0.048	0.063	-
0021	0021_SD015	20 Apr 2023	0021_SD015_230420	JBRF	Captains Lagoon	Pathway	Normal	-	0.0761	-
0021	0021_SD015	18 Oct 2023	0021_SD015_231018	JBRF	Captains Lagoon	Pathway	Normal	-	0.0648	-
0021	0021_SD015	11 Apr 2024	0021_SD015_240411	JBRF	Captains Lagoon	Pathway	Normal	-	0.0222	-
0021	0021_SD015	24 Oct 2024	0021_SD015_241024	JBRF	Captains Lagoon	Pathway	Normal	-	0.0852	-
0021	0021_SD016	13 Apr 2017	DC_SED05_0-0.1	JBRF	Flatrock Creek	Pathway	Normal	-	0.0284	-
0021	0021_SD016	20 Oct 2021	0021_SD016_211020	JBRF	Flatrock Creek	Pathway	Normal	-	0.0180	-
0021	0021_SD016	06 Apr 2022	0021_SD016_220406	JBRF	Flatrock Creek	Pathway	Normal	-	0.0103	-
0021	0021_SD016	14 Oct 2022	0021_SD016_221014	JBRF	Flatrock Creek	Pathway	Normal	-	0.0157	-
0021	0021_SD016	21 Apr 2023	0021_SD016_230421	JBRF	Flatrock Creek	Pathway	Normal	-	0.0137	-
0021	0021_SD016	19 Oct 2023	0021_SD016_231019	JBRF	Flatrock Creek	Pathway	Normal	-	0.0244	-
0021	0021_SD016	12 Apr 2024	0021_SD016_240412	JBRF	Flatrock Creek	Pathway	Normal	-	0.0186	-
0021	0021_SD016	22 Oct 2024	0021_SD016_241022	JBRF	Flatrock Creek	Pathway	Normal	-	0.0202	-
0021	0021_SD017	13 Apr 2017	DC_SED06_0-0.1	JBRF	Captains Lagoon	Pathway	Normal	-	0.0552	-
0021	0021_SD017	20 Oct 2021	0021_SD017_211020	JBRF	Captains Lagoon	Pathway	Normal	-	0.0271	-
0021	0021_SD017	06 Apr 2022	0021_SD017_220406	JBRF	Captains Lagoon	Pathway	Normal	-	0.0061	-
0021	0021_SD017	14 Oct 2022	0021_SD017_221014	JBRF	Captains Lagoon	Pathway	Normal	-	0.0237	-
0021	0021_SD017	21 Apr 2023	0021_SD017_230421	JBRF	Captains Lagoon	Pathway	Normal	-	0.0390	-
0021	0021_SD017	19 Oct 2023	0021_SD017_231019	JBRF	Captains Lagoon	Pathway	Normal	-	0.0278	-
0021	0021_SD017	12 Apr 2024	0021_SD017_240412	JBRF	Captains Lagoon	Pathway	Normal	-	0.0038	-
0021	0021_SD017	22 Oct 2024	0021_SD017_241022	JBRF	Captains Lagoon	Pathway	Normal	-	0.0227	-
0021	0021_SD018	19 Apr 2017	FC_SED06_0.0-0.1	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0232	-
0021	0021_SD018	20 Oct 2021	0021_QC209_211020	Flatrock Creek	Flatrock Creek	Pathway	Interlab_D	0.17	0.2	-
0021	0021_SD018	20 Oct 2021	0021_SD018_211020	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0980	-
0021	0021_SD018	07 Apr 2022	0021_QC111_220407	Flatrock Creek	Flatrock Creek	Pathway	Field_D	-	0.0718	-
0021	0021_SD018	07 Apr 2022	0021_QC211_220407	Flatrock Creek	Flatrock Creek	Pathway	Interlab_D	0.043	0.047	-
0021	0021_SD018	07 Apr 2022	0021_SD018_220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0404	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR		Sample Type			
						Classification					
0021	0021 SD018	12 Oct 2022	0021 SD018 221012	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0468	-	
0021	0021 SD018	19 Apr 2023	0021 SD018 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.117	-	
0021	0021 SD018	18 Oct 2023	0021 SD018 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0201	-	
0021	0021 SD018	10 Apr 2024	0021 SD018 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0616	-	
0021	0021 SD018	26 Oct 2024	0021 SD018 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0376	-	
0021	0021 SD020	18 Apr 2017	JCQA04	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	-	-	-	
0021	0021 SD020	19 Apr 2017	FC SED08 0.0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0097	-	
0021	0021 SD020	20 Oct 2021	0021 QC109 211020	Flatrock Creek	Flatrock Creek	Pathway	Field D	-	0.0007	-	
0021	0021 SD020	20 Oct 2021	0021 SD020 211020	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0016	-	
0021	0021 SD020	07 Apr 2022	0021 SD020 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0030	-	
0021	0021 SD020	13 Oct 2022	0021 SD020 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0010	-	
0021	0021 SD020	19 Apr 2023	0021 SD020 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0033	-	
0021	0021 SD020	18 Oct 2023	0021 SD020 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0034	-	
0021	0021 SD020	10 Apr 2024	0021 SD020 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0035	-	
0021	0021 SD020	26 Oct 2024	0021 SD020 241026	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0068	-	
0021	0021 SD021	20 Apr 2017	AB SED09 0-0.05	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0073	-	
0021	0021 SD021	26 Oct 2021	0021 SD021 211026	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0412	-	
0021	0021 SD021	07 Apr 2022	0021 SD021 220407	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0292	-	
0021	0021 SD021	13 Oct 2022	0021 SD021 221013	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0551	-	
0021	0021 SD021	19 Apr 2023	0021 QC102 230419	Flatrock Creek	Flatrock Creek	Pathway	Field D	-	0.0131	-	
0021	0021 SD021	19 Apr 2023	0021 QC202 230419	Flatrock Creek	Flatrock Creek	Pathway	Interlab D	0.018	0.019	-	
0021	0021 SD021	19 Apr 2023	0021 SD021 230419	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0266	-	
0021	0021 SD021	18 Oct 2023	0021 SD021 231018	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0055	-	
0021	0021 SD021	10 Apr 2024	0021 SD021 240410	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0058	-	
0021	0021 SD021	23 Oct 2024	0021 SD021 241023	Flatrock Creek	Flatrock Creek	Pathway	Normal	-	0.0352	-	
0021	0021 SD023	19 Apr 2017	FC SED11 0.0-0.05	AEC C	Captains Lagoon	Source	Normal	-	0.0138	-	
0021	0021 SD023	21 Oct 2021	0021 SD023 211021	AEC C	Captains Lagoon	Source	Normal	-	0.0008	-	
0021	0021 SD023	06 Apr 2022	0021 SD023 220406	AEC C	Captains Lagoon	Source	Normal	-	0.0083	-	
0021	0021 SD023	12 Oct 2022	0021 SD023 221012	AEC C	Captains Lagoon	Source	Normal	-	0.0382	-	
0021	0021 SD023	20 Apr 2023	0021 SD023 230420	AEC C	Captains Lagoon	Source	Normal	-	0.0063	-	
0021	0021 SD023	18 Oct 2023	0021 SD023 231018	AEC C	Captains Lagoon	Source	Normal	-	0.0345	-	
0021	0021 SD023	10 Apr 2024	0021 SD023 240410	AEC C	Captains Lagoon	Source	Normal	-	0.0316	-	
0021	0021 SD023	24 Oct 2024	0021 SD023 241024	AEC C	Captains Lagoon	Source	Normal	-	0.0143	-	
0021	0021 SD028	14 May 2018	LM SD03 0.0 180514	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	21 Oct 2021	0021 SD028 211021	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	05 Apr 2022	0021 SD028 220405	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	10 Oct 2022	0021 SD028 221010	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	18 Apr 2023	0021 SD028 230418	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	17 Oct 2023	0021 SD028 231017	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD028	09 Apr 2024	0021 SD028 240409	Lake McKenzie	Lakes	Receptor	Normal	-	0.0002	-	
0021	0021 SD028	25 Oct 2024	0021 SD028 241025	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD029	11 Feb 2019	LM SD04 0.0 190211	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	11 Feb 2019	LM SD04 0.2 190211	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	18 Mar 2019	LM QC102 190318	Lake McKenzie	Lakes	Pathway	Field D	-	<0.0002	-	
0021	0021 SD029	18 Mar 2019	LM SD04 190318	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	22 Oct 2021	0021 SD029 211022	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	05 Apr 2022	0021 SD029 220405	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	11 Oct 2022	0021 SD029 221010	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	18 Apr 2023	0021 SD029 230418	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	17 Oct 2023	0021 SD029 231017	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	10 Apr 2024	0021 SD029 240410	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD029	26 Oct 2024	0021 SD029 241026	Lake McKenzie	Lakes	Pathway	Normal	-	<0.0002	-	
0021	0021 SD030	14 May 2018	LW SD01 0.0 180514	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	12 Feb 2019	LW QC208 190212	Lake Windermere	Lakes	Receptor	Interlab D	-	<0.005	-	
0021	0021 SD030	12 Feb 2019	LW SD01 0.0 190212	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	12 Feb 2019	LW SD01 0.2 190212	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	18 Mar 2019	LW SD01 190318	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	22 Oct 2021	0021 SD030 211022	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	05 Apr 2022	0021 SD030 220405	Lake Windermere	Lakes	Receptor	Normal	-	0.0569	-	
0021	0021 SD030	10 Oct 2022	0021 SD030 221010	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	18 Apr 2023	0021 SD030 230418	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	17 Oct 2023	0021 SD030 231017	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD030	09 Apr 2024	0021 SD030 240409	Lake Windermere	Lakes	Receptor	Normal	-	0.0027	-	
0021	0021 SD030	25 Oct 2024	0021 SD030 241025	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	16 May 2018	LW QC118 180516	Lake Windermere	Lakes	Receptor	Field D	-	<0.0002	-	
0021	0021 SD031	16 May 2018	LW SD02 0.0 180516	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	12 Feb 2019	LW SD02 0.0 190212	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	18 Mar 2019	LW QC110 190319	Lake Windermere	Lakes	Receptor	Field D	-	<0.0002	-	
0021	0021 SD031	18 Mar 2019	LW SD02 190319	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	22 Oct 2021	0021 SD031 211022	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	06 Apr 2022	0021 QC205 220406	Lake Windermere	Lakes	Receptor	Interlab D	<0.0001	<0.0001	-	
0021	0021 SD031	06 Apr 2022	0021 SD031 220406	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	10 Oct 2022	0021 SD031 221010	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	18 Apr 2023	0021 SD031 230418	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-	
0021	0021 SD031	17 Oct 2023	0021 QC101 231017	Lake Windermere	Lakes	Receptor	Field D	-	<0.0002	-	

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR Classification	Sample Type			
0021	0021_SD031	17 Oct 2023	0021_QC201_231017	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0001	<0.0001	-
0021	0021_SD031	17 Oct 2023	0021_SD031_231017	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD031	09 Apr 2024	0021_QC102_240409	Lake Windermere	Lakes	Receptor	Field_D	-	<0.0002	-
0021	0021_SD031	09 Apr 2024	0021_QC202_240409	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0001	<0.0001	-
0021	0021_SD031	09 Apr 2024	0021_SD031_240409	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD031	25 Oct 2024	0021_SD031_241025	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD032	14 May 2018	LW_SD03_0.0_180514	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD032	12 Feb 2019	LW_SD03_0.0_190212	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD032	18 Mar 2019	LW_SD03_190319	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD032	22 Oct 2021	0021_QC213_211022	Lake Windermere	Lakes	Receptor	Interlab_D	<0.0001	<0.0001	-
0021	0021_SD032	22 Oct 2021	0021_SD032_211022	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD032	26 Oct 2024	0021_SD032_241026	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD035	20 Mar 2018	MC_SD01_0.0_180320	Mary Creek	Mary Creek	Receptor	Normal	-	0.0003	-
0021	0021_SD035	20 Mar 2018	MC_SD01_0.3_180320	Mary Creek	Mary Creek	Receptor	Normal	-	0.0007	-
0021	0021_SD035	01 May 2018	MC_SD01_0.0_180501	Mary Creek	Mary Creek	Receptor	Normal	-	0.0016	-
0021	0021_SD035	12 Oct 2022	0021_SD035_221012	Mary Creek	Mary Creek	Receptor	Normal	-	0.0608	-
0021	0021_SD035	18 Apr 2023	0021_SD035_230418	Mary Creek	Mary Creek	Receptor	Normal	-	0.0002	-
0021	0021_SD035	17 Oct 2023	0021_SD035_231017	Mary Creek	Mary Creek	Receptor	Normal	-	0.0014	-
0021	0021_SD035	09 Apr 2024	0021_SD035_240409	Mary Creek	Mary Creek	Receptor	Normal	-	0.0366	-
0021	0021_SD035	23 Oct 2024	0021_SD035_241023	Mary Creek	Mary Creek	Receptor	Normal	-	0.0419	-
0021	0021_SD036	23 Mar 2018	MC_SD02_0.0_180323	Mary Creek	Mary Creek	Pathway	Normal	-	0.0004	-
0021	0021_SD036	11 Oct 2022	0021_SD036_221011	Mary Creek	Mary Creek	Pathway	Normal	-	0.0151	-
0021	0021_SD036	18 Apr 2023	0021_SD036_230418	Mary Creek	Mary Creek	Pathway	Normal	-	0.0021	-
0021	0021_SD036	17 Oct 2023	0021_SD036_231017	Mary Creek	Mary Creek	Pathway	Normal	-	0.0016	-
0021	0021_SD036	09 Apr 2024	0021_SD036_240409	Mary Creek	Mary Creek	Pathway	Normal	-	0.461	-
0021	0021_SD036	28 Oct 2024	0021_SD036_241028	Mary Creek	Mary Creek	Pathway	Normal	-	0.0046	-
0021	0021_SD037	23 Mar 2018	MC_SD03_0.0_180323	Mary Creek	Mary Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD037	05 May 2018	MC_SD03_0.0_180501	Mary Creek	Mary Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD037	11 Oct 2022	0021_SD037_221011	Mary Creek	Mary Creek	Pathway	Normal	-	0.0006	-
0021	0021_SD037	18 Apr 2023	0021_SD037_230418	Mary Creek	Mary Creek	Pathway	Normal	-	0.0010	-
0021	0021_SD037	17 Oct 2023	0021_SD037_231017	Mary Creek	Mary Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD037	09 Apr 2024	0021_SD037_240409	Mary Creek	Mary Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD037	23 Oct 2024	0021_SD037_241023	Mary Creek	Mary Creek	Pathway	Normal	-	0.0005	-
0021	0021_SD040	28 Mar 2018	MC_QC110_180328	Mary Creek	Mary Creek	Pathway	Field_D	-	<0.0002	-
0021	0021_SD040	05 Apr 2018	MC_SD06_0.0_180405	Mary Creek	Mary Creek	Pathway	Normal	-	0.0067	-
0021	0021_SD040	12 Oct 2022	0021_SD040_221012	Mary Creek	Mary Creek	Pathway	Normal	-	0.0024	-
0021	0021_SD040	19 Apr 2023	0021_SD040_230419	Mary Creek	Mary Creek	Pathway	Normal	-	0.0005	-
0021	0021_SD040	18 Oct 2023	0021_SD040_231017	Mary Creek	Mary Creek	Pathway	Normal	-	0.0003	-
0021	0021_SD040	10 Apr 2024	0021_SD040_240410	Mary Creek	Mary Creek	Pathway	Normal	-	0.0114	-
0021	0021_SD040	25 Oct 2024	0021_SD040_241025	Mary Creek	Mary Creek	Pathway	Normal	-	0.0055	-
0021	0021_SD043	28 Mar 2018	MC_SD09_0.0_180328	Wreck Bay	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD043	23 Oct 2024	0021_SD043_241023	Wreck Bay	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD044	20 Mar 2018	MC_SD10_0.0_180320	Mary Creek	Mary Creek	Receptor	Normal	-	0.0006	-
0021	0021_SD044	20 Mar 2018	MC_SD10_0.3_180320	Mary Creek	Mary Creek	Receptor	Normal	-	0.0002	-
0021	0021_SD044	28 Mar 2018	MC_SD10_0.0_180328	Mary Creek	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD044	28 Mar 2018	MC_SD10_0.2_180328	Mary Creek	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD044	12 Oct 2022	0021_SD044_221012	Mary Creek	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD044	18 Apr 2023	0021_SD044_230418	Mary Creek	Mary Creek	Receptor	Normal	-	0.0003	-
0021	0021_SD044	17 Oct 2023	0021_QC106_231017	Mary Creek	Mary Creek	Receptor	Field_D	-	<0.0002	-
0021	0021_SD044	17 Oct 2023	0021_QC206_231017	Mary Creek	Mary Creek	Receptor	Interlab_D	<0.0001	<0.0001	-
0021	0021_SD044	17 Oct 2023	0021_SD044_231017	Mary Creek	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD044	09 Apr 2024	0021_SD044_240409	Mary Creek	Mary Creek	Receptor	Normal	-	0.0002	-
0021	0021_SD044	23 Oct 2024	0021_QC107_241023	Mary Creek	Mary Creek	Receptor	Field_D	-	<0.0002	-
0021	0021_SD044	23 Oct 2024	0021_QC207_241023	Mary Creek	Mary Creek	Receptor	Interlab_D	<0.005	<0.005	<0.005
0021	0021_SD044	23 Oct 2024	0021_SD044_241023	Mary Creek	Mary Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD046	23 Mar 2018	SC_SD01_0.0_180323	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD046	12 Oct 2022	0021_SD046_221012	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD046	18 Apr 2023	0021_SD046_230418	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD046	17 Oct 2023	0021_SD046_231017	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	0.0002	-
0021	0021_SD046	09 Apr 2024	0021_SD046_240409	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD046	23 Oct 2024	0021_QC155_241023	Summercloud Creek	Summercloud Creek	Receptor	Field_D	-	<0.0002	-
0021	0021_SD046	23 Oct 2024	0021_SD046_241023	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD047	23 Mar 2018	SC_SD02_0.0_180323	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD047	12 Oct 2022	0021_SD047_221012	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD047	18 Apr 2023	0021_SD047_230418	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD047	17 Oct 2023	0021_SD047_231017	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD047	09 Apr 2024	0021_SD047_240409	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0003	-
0021	0021_SD048	18 Apr 2023	0021_SD048_230418	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD048	17 Oct 2023	0021_SD048_231017	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD048	09 Apr 2024	0021_SD048_240409	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0005	-
0021	0021_SD049	05 Apr 2018	SC_SD04_0.0_180406	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD049	22 Oct 2021	0021_SD049_211022	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-
0021	0021_SD049	07 Apr 2022	0021_SD049_220407	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0005	-
0021	0021_SD049	13 Oct 2022	0021_SD049_221013	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	<0.0002	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR		Sample Type			
						Classification					
0021	0021 SD049	17 Apr 2023	0021 SD049 230417	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0007	-	-
0021	0021 SD049	18 Oct 2023	0021 SD049 231018	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0004	-	-
0021	0021 SD049	10 Apr 2024	0021 QC108 240410	Summercloud Creek	Summercloud Creek	Pathway	Field D	-	0.0003	-	-
0021	0021 SD049	10 Apr 2024	0021 QC208 240410	Summercloud Creek	Summercloud Creek	Pathway	Interlab D	0.0007	0.0007	-	-
0021	0021 SD049	10 Apr 2024	0021 SD049 240410	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0005	-	-
0021	0021 SD049	24 Oct 2024	0021 SD049 241024	Summercloud Creek	Summercloud Creek	Pathway	Normal	-	0.0008	-	-
0021	0021 SD050	21 Mar 2018	TC SD01 0.0 180321	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0007	-	-
0021	0021 SD050	21 Oct 2021	0021 SD050 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0011	-	-
0021	0021 SD050	07 Apr 2022	0021 SD050 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0014	-	-
0021	0021 SD050	17 Apr 2023	0021 SD050 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0002	-	-
0021	0021 SD050	16 Oct 2023	0021 SD050 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0005	-	-
0021	0021 SD050	10 Apr 2024	0021 SD050 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD050	25 Oct 2024	0021 SD050 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0004	-	-
0021	0021 SD052	20 Mar 2018	TC SD03 0.0 180320	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	21 Oct 2021	0021 SD052 211021	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	07 Apr 2022	0021 SD052 220407	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	19 Apr 2023	0021 SD052 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	16 Oct 2023	0021 SD052 231016	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	08 Apr 2024	0021 SD052 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD052	23 Oct 2024	0021 SD052 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0008	-	-
0021	0021 SD054	20 Mar 2018	TC SD05 0.0 180320	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0045	-	-
0021	0021 SD054	20 Mar 2018	TC SD05 0.2 180322	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	<0.0002	-	-
0021	0021 SD054	04 Apr 2022	0021 SD054 220404	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0118	-	-
0021	0021 SD054	19 Apr 2023	0021 SD054 230419	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0007	-	-
0021	0021 SD054	08 Apr 2024	0021 SD054 240408	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0082	-	-
0021	0021 SD054	23 Oct 2024	0021 SD054 241023	Telegraph Creek	Telegraph Creek	Pathway	Normal	-	0.0040	-	-
0021	0021 SD058	21 Mar 2018	TC SD09 0.0 180321	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD058	21 Oct 2021	0021 SD058 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD058	07 Apr 2022	0021 SD058 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0004	-	-
0021	0021 SD058	12 Oct 2022	0021 SD058 221012	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD058	17 Apr 2023	0021 SD058 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD058	16 Oct 2023	0021 SD058 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0004	-	-
0021	0021 SD058	10 Apr 2024	0021 SD058 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	0.0012	-	-
0021	0021 SD058	25 Oct 2024	0021 SD058 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	26 Mar 2018	TC SD10 0.0 180326	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	21 Oct 2021	0021 SD059 211021	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	07 Apr 2022	0021 SD059 220407	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	12 Oct 2022	0021 QC213 221012	Telegraph Creek	Telegraph Creek	Receptor	Interlab D	<0.0001	<0.0001	-	-
0021	0021 SD059	12 Oct 2022	0021 SD059 221012	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	17 Apr 2023	0021 SD059 230417	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	16 Oct 2023	0021 SD059 231016	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	10 Apr 2024	0021 SD059 240410	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD059	25 Oct 2024	0021 SD059 241025	Telegraph Creek	Telegraph Creek	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD066	22 Mar 2018	UN2 SD01 0.0 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0002	-	-
0021	0021 SD066	22 Mar 2018	UN2 SD01 0.2 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD066	11 Feb 2019	UN2 SD01 0.0 190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD066	18 Mar 2019	UN2 SD01 190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0005	-	-
0021	0021 SD066	12 Oct 2022	0021 SD066 221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD066	19 Apr 2023	0021 SD066 230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD066	18 Oct 2023	0021 QC110 231018	Unnamed Water Bodies	Clay Pools	Receptor	Field D	-	0.0005	-	-
0021	0021 SD066	18 Oct 2023	0021 QC210 231018	Unnamed Water Bodies	Clay Pools	Receptor	Interlab D	0.0007	0.0009	-	-
0021	0021 SD066	18 Oct 2023	0021 SD066 231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0010	-	-
0021	0021 SD066	10 Apr 2024	0021 SD066 240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0028	-	-
0021	0021 SD066	23 Oct 2024	0021 QC154 241023	Unnamed Water Bodies	Clay Pools	Receptor	Field D	-	0.0008	-	-
0021	0021 SD066	23 Oct 2024	0021 SD066 241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0006	-	-
0021	0021 SD067	22 Mar 2018	UN2 QC204 180322	Unnamed Water Bodies	Clay Pools	Receptor	Interlab D	-	<0.005	-	-
0021	0021 SD067	22 Mar 2018	UN2 SD02 0.0 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD067	22 Mar 2018	UN2 SD02 0.2 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD067	22 Mar 2018	UN QC104 180322	Unnamed Water Bodies	Clay Pools	Receptor	Field D	-	<0.0002	-	-
0021	0021 SD067	11 Feb 2019	UN2 SD02 0.0 190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD067	18 Mar 2019	UN2 QC106 190318	Unnamed Water Bodies	Clay Pools	Receptor	Field D	-	0.0004	-	-
0021	0021 SD067	18 Mar 2019	UN2 SD02 190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD067	12 Oct 2022	0021 SD067 221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0002	-	-
0021	0021 SD067	19 Apr 2023	0021 SD067 230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0004	-	-
0021	0021 SD067	18 Oct 2023	0021 SD067 231018	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0005 ¹¹	-	-
0021	0021 SD067	10 Apr 2024	0021 SD067 240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0004	-	-
0021	0021 SD067	23 Oct 2024	0021 SD067 241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0006	-	-
0021	0021 SD068	22 Mar 2018	UN2 SD03 0.0 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD068	22 Mar 2018	UN2 SD03 0.2 180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD068	11 Feb 2019	UN2 QC100 190211	Unnamed Water Bodies	Clay Pools	Receptor	Field D	-	<0.0002	-	-
0021	0021 SD068	11 Feb 2019	UN2 QC200 190211	Unnamed Water Bodies	Clay Pools	Receptor	Interlab D	-	<0.005	-	-
0021	0021 SD068	11 Feb 2019	UN2 SD03 0.0 190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD068	18 Mar 2019	UN2 SD03 190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-	-
0021	0021 SD068	12 Oct 2022	0021 SD068 221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0017	-	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of en-Health PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR				
						Classification	Sample Type			
0021	0021_SD068	19 Apr 2023	0021_SD068_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0111	-
0021	0021_SD068	17 Oct 2023	0021_SD068_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0056	-
0021	0021_SD068	10 Apr 2024	0021_SD068_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0052	-
0021	0021_SD068	23 Oct 2024	0021_SD068_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0005	-
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0012	-
0021	0021_SD069	22 Mar 2018	UN2_SD04_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0014	-
0021	0021_SD069	11 Feb 2019	UN2_SD04_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0008	-
0021	0021_SD069	18 Mar 2019	UN2_SD04_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0129	-
0021	0021_SD069	12 Oct 2022	0021_SD069_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0053	-
0021	0021_SD069	19 Apr 2023	0021_SD069_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0108	-
0021	0021_SD069	17 Oct 2023	0021_SD069_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0205	-
0021	0021_SD069	10 Apr 2024	0021_QC107_240410	Unnamed Water Bodies	Clay Pools	Receptor	Field_D	-	0.0512	-
0021	0021_SD069	10 Apr 2024	0021_QC207_240410	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	0.043	0.047	-
0021	0021_SD069	10 Apr 2024	0021_SD069_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0448	-
0021	0021_SD069	23 Oct 2024	0021_SD069_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0234	-
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.0_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0007	-
0021	0021_SD070	22 Mar 2018	UN2_SD05_0.2_180322	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-
0021	0021_SD070	11 Feb 2019	UN2_SD05_0.0_190211	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0006	-
0021	0021_SD070	18 Mar 2019	UN2_SD05_190318	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0040	-
0021	0021_SD070	12 Oct 2022	0021_QC212_221012	Unnamed Water Bodies	Clay Pools	Receptor	Interlab_D	0.0013	0.0013	-
0021	0021_SD070	12 Oct 2022	0021_SD070_221012	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-
0021	0021_SD070	19 Apr 2023	0021_SD070_230419	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0037	-
0021	0021_SD070	17 Oct 2023	0021_SD070_231017	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	<0.0002	-
0021	0021_SD070	10 Apr 2024	0021_SD070_240410	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0049	-
0021	0021_SD070	23 Oct 2024	0021_SD070_241023	Unnamed Water Bodies	Clay Pools	Receptor	Normal	-	0.0002	-
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.0_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	0.0015	-
0021	0021_SD073	19 Mar 2018	UN3_SD03_0.2_180319	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	<0.0002	-
0021	0021_SD073	17 May 2018	UN3_SD03_0.0_180517	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	0.0011	-
0021	0021_SD073	22 Oct 2021	0021_QC113_211022	Ryans Swamp	Bherwerre Barrier	Receptor	Field_D	-	0.0013	-
0021	0021_SD073	22 Oct 2021	0021_SD073_211022	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	0.0012	-
0021	0021_SD073	10 Oct 2022	0021_SD073_221010	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	0.0003	-
0021	0021_SD073	18 Apr 2023	0021_SD073_230418	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	<0.0002	-
0021	0021_SD073	17 Oct 2023	0021_SD073_231017	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	<0.0002	-
0021	0021_SD073	09 Apr 2024	0021_SD073_240409	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	<0.0002	-
0021	0021_SD073	25 Oct 2024	0021_SD073_241025	Ryans Swamp	Bherwerre Barrier	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	28 Mar 2018	UN3_SD05_0.0_180328	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	28 Mar 2018	UN_QC210_180328	Summercloud Creek	Summercloud Creek	Receptor	Interlab_D	-	<0.005	-
0021	0021_SD075	12 Oct 2022	0021_SD075_221012	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	18 Apr 2023	0021_SD075_230418	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	17 Oct 2023	0021_SD075_231017	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	09 Apr 2024	0021_SD075_240409	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD075	23 Oct 2024	0021_SD075_241023	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	12 Feb 2019	LM_QC101_190212	Lake McKenzie	Lakes	Receptor	Field_D	-	<0.0002	-
0021	0021_SD080	12 Feb 2019	LM_QC201_190212	Lake McKenzie	Lakes	Receptor	Interlab_D	-	<0.005	-
0021	0021_SD080	12 Feb 2019	LM_SD01_0.0_190212	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	18 Mar 2019	LM_SD01_190318	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	21 Oct 2021	0021_SD080_211021	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	05 Apr 2022	0021_SD080_220405	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	10 Oct 2022	0021_SD080_221010	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	18 Apr 2023	0021_SD080_230418	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	17 Oct 2023	0021_SD080_231017	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	09 Apr 2024	0021_SD080_240409	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD080	25 Oct 2024	0021_QC114_241025	Lake McKenzie	Lakes	Receptor	Field_D	-	<0.0002	-
0021	0021_SD080	25 Oct 2024	0021_QC214_241025	Lake McKenzie	Lakes	Receptor	Interlab_D	<0.005	<0.005	<0.005
0021	0021_SD080	25 Oct 2024	0021_SD080_241025	Lake McKenzie	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD093	18 Mar 2019	LW_SD05_190318	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD093	22 Oct 2021	0021_SD093_211022	Lake Windermere	Lakes	Receptor	Normal	-	0.0003	-
0021	0021_SD093	18 Apr 2023	0021_SD093_230418	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD093	17 Oct 2023	0021_SD093_231017	Lake Windermere	Lakes	Receptor	Normal	-	0.0003	-
0021	0021_SD093	09 Apr 2024	0021_SD093_240409	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD093	25 Oct 2024	0021_SD093_241025	Lake Windermere	Lakes	Receptor	Normal	-	<0.0002	-
0021	0021_SD110	20 Oct 2021	0021_QC206_211020	AEC A/B	Mary Creek	Source	Interlab_D	0.0040	0.0044	-
0021	0021_SD110	20 Oct 2021	0021_SD110_211020	AEC A/B	Mary Creek	Source	Normal	-	0.0013	-
0021	0021_SD110	06 Apr 2022	0021_SD110_220406	AEC A/B	Mary Creek	Source	Normal	-	0.0022	-
0021	0021_SD110	14 Oct 2022	0021_SD110_221014	AEC A/B	Mary Creek	Source	Normal	-	0.0003	-
0021	0021_SD110	21 Apr 2023	0021_SD110_230421	AEC A/B	Mary Creek	Source	Normal	-	0.0011	-
0021	0021_SD110	19 Oct 2023	0021_SD110_231019	AEC A/B	Mary Creek	Source	Normal	-	0.0066	-
0021	0021_SD110	12 Apr 2024	0021_SD110_240412	AEC A/B	Mary Creek	Source	Normal	-	0.0051	-
0021	0021_SD110	22 Oct 2024	0021_SD110_241022	AEC A/B	Mary Creek	Source	Normal	-	0.0022	-
0021	0021_SD111	11 Oct 2022	0021_SD111_221011	Mary Creek	Mary Creek	Pathway	Normal	-	0.0050	-
0021	0021_SD111	17 Oct 2023	0021_QC100_231017	Mary Creek	Mary Creek	Pathway	Field_D	-	0.0145	-
0021	0021_SD111	17 Oct 2023	0021_QC200_231017	Mary Creek	Mary Creek	Pathway	Interlab_D	0.0098	0.012	-
0021	0021_SD111	17 Oct 2023	0021_SD111_231017	Mary Creek	Mary Creek	Pathway	Normal	-	0.0054	-
0021	0021_SD111	09 Apr 2024	0021_SD111_240409	Mary Creek	Mary Creek	Pathway	Normal	-	0.188	-

								PFAS - Sums		
								Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
								mg/kg	mg/kg	mg/kg
EQL								0.0001	0.0001	0.0001

Site ID	Location Code	Date	Field ID	Monitoring Zone	Catchment	SPR	Sample Type			
						Classification				
0021	0021_SD111	23 Oct 2024	0021_SD111_241023	Mary Creek	Mary Creek	Pathway	Normal	-	0.147	-
0021	0021_SD188	21 Dec 2022	0021_SD188_221221	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-
0021	0021_SD188	24 Oct 2024	0021_SD188_241024	Summercloud Creek	Summercloud Creek	Receptor	Normal	-	<0.0002	-

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/bra

Appendix D

Time series graphs: PFOS+PFHxS

Bherwerre Barrier

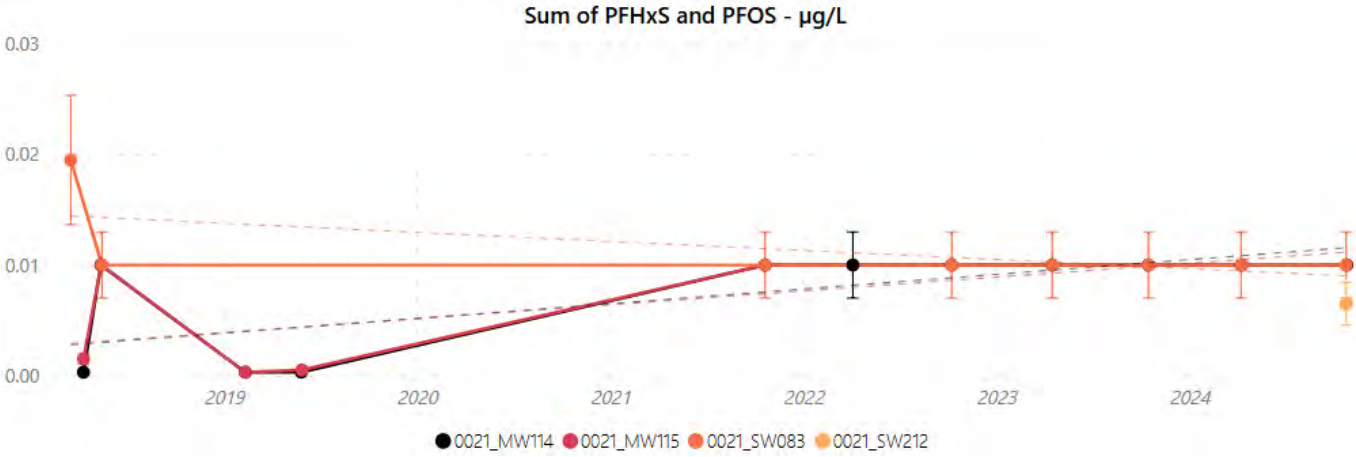


Plate D.1 Bherwerre Barrier – groundwater and surface water: Receptor locations

Captains Lagoon – Groundwater

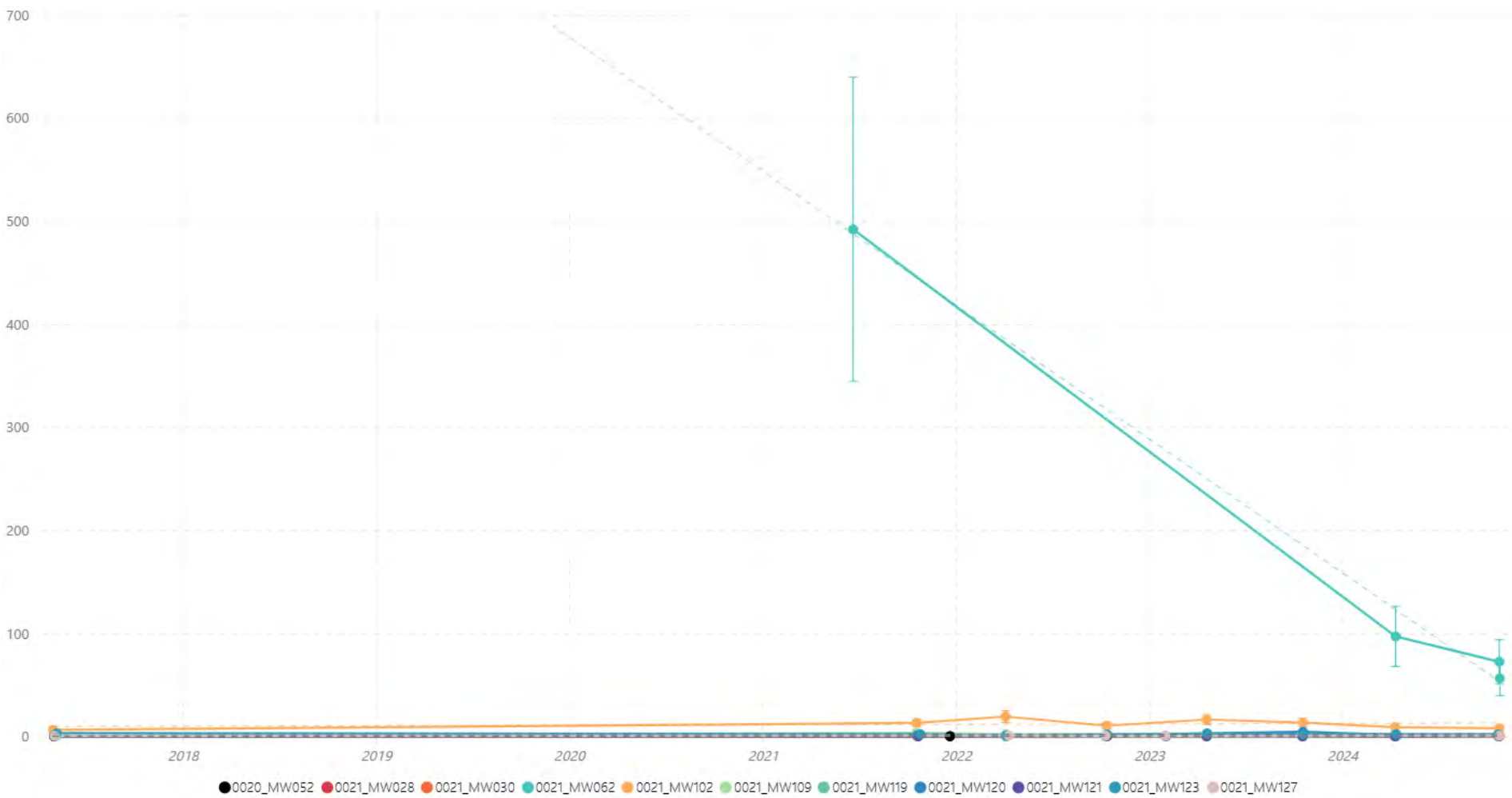


Plate D.2 Captains Lagoon – groundwater: All source locations (ug/L)

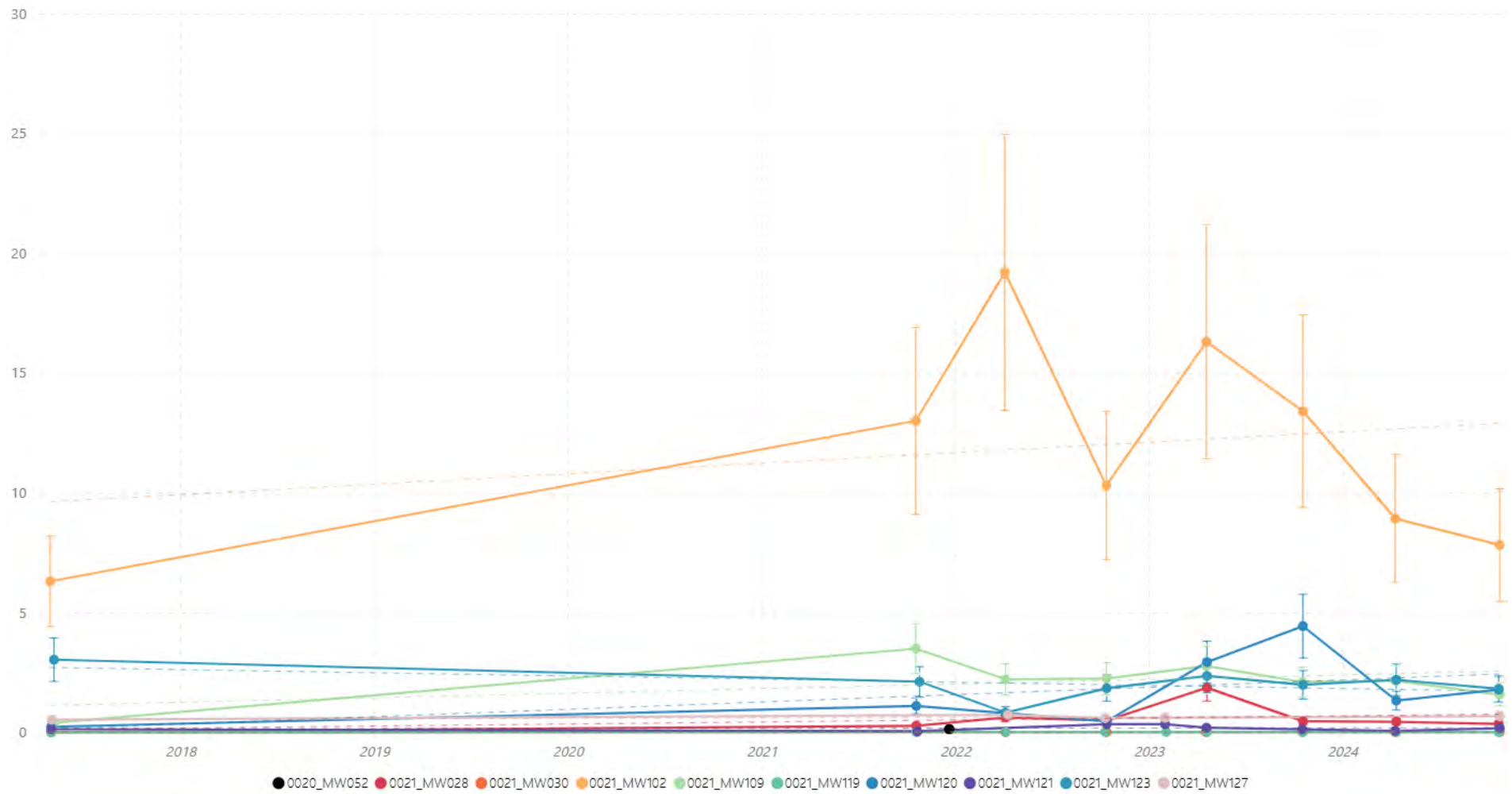


Plate D.3 Captains Lagoon – groundwater: Source locations excluding 0021_MW062 (ug/L)

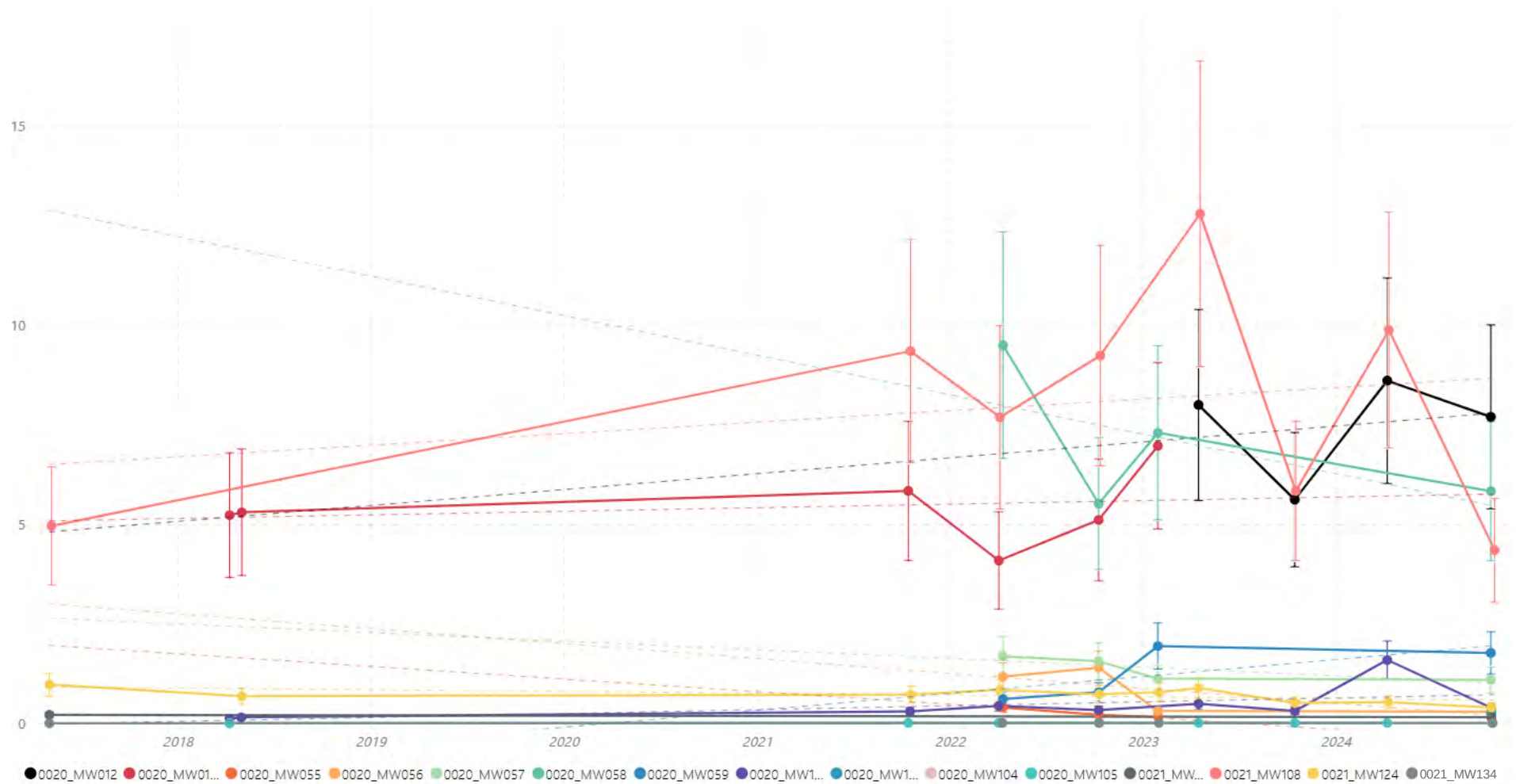


Plate D.4 Captains Lagoon – groundwater: Pathway locations

Captains Lagoon – Surface water

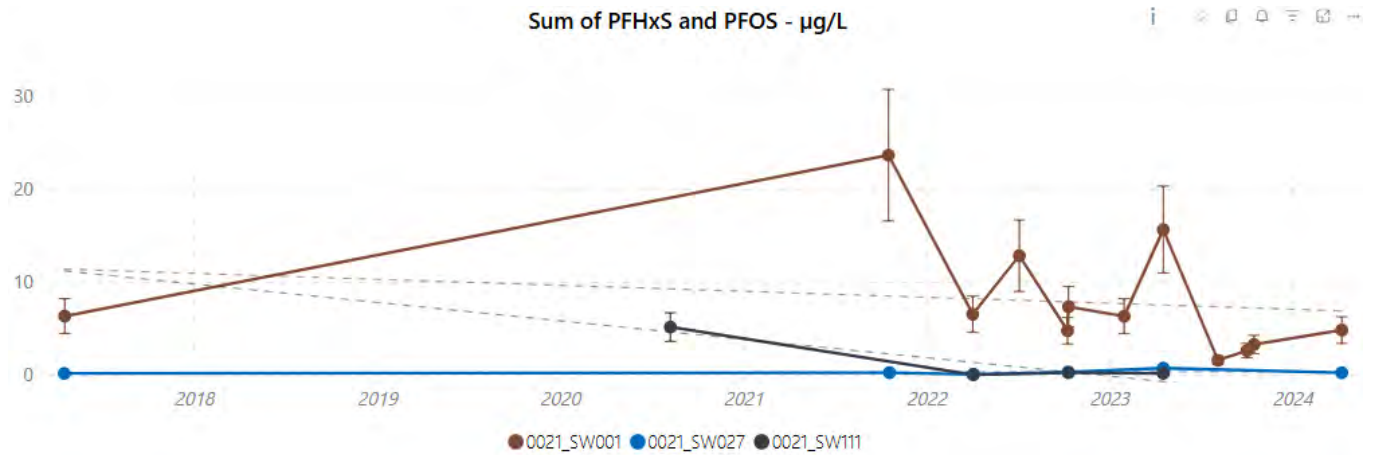


Plate D.5 Captains Lagoon – surface water: Source locations

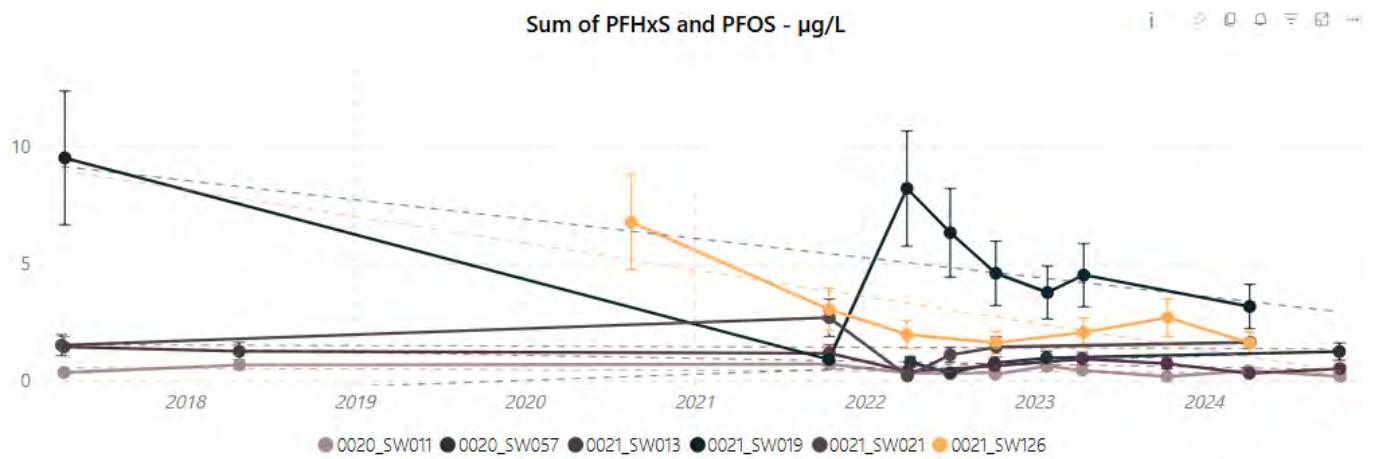


Plate D.6 Captains Lagoon – surface water: Pathway locations

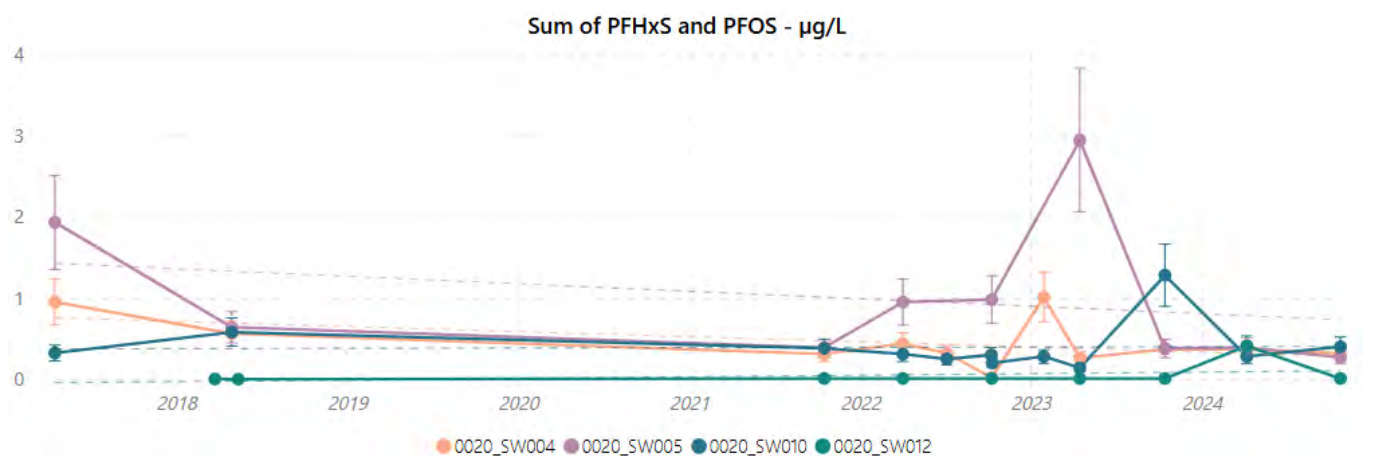


Plate D.7 Captains Lagoon – surface water: Receptor locations

Captains Lagoon – Sediment

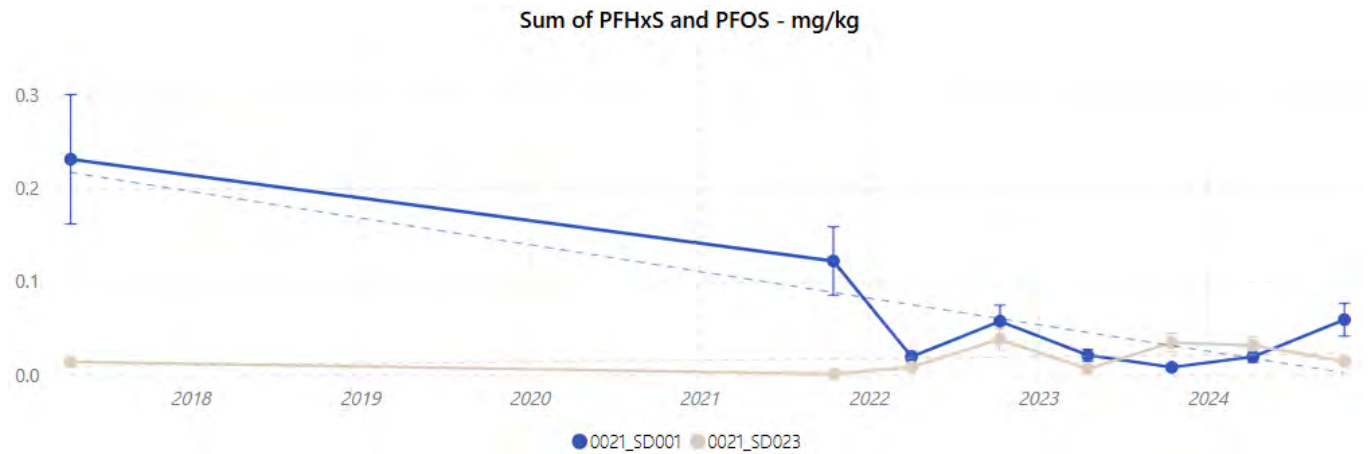


Plate D.8 Captains Lagoon – sediment: Source locations

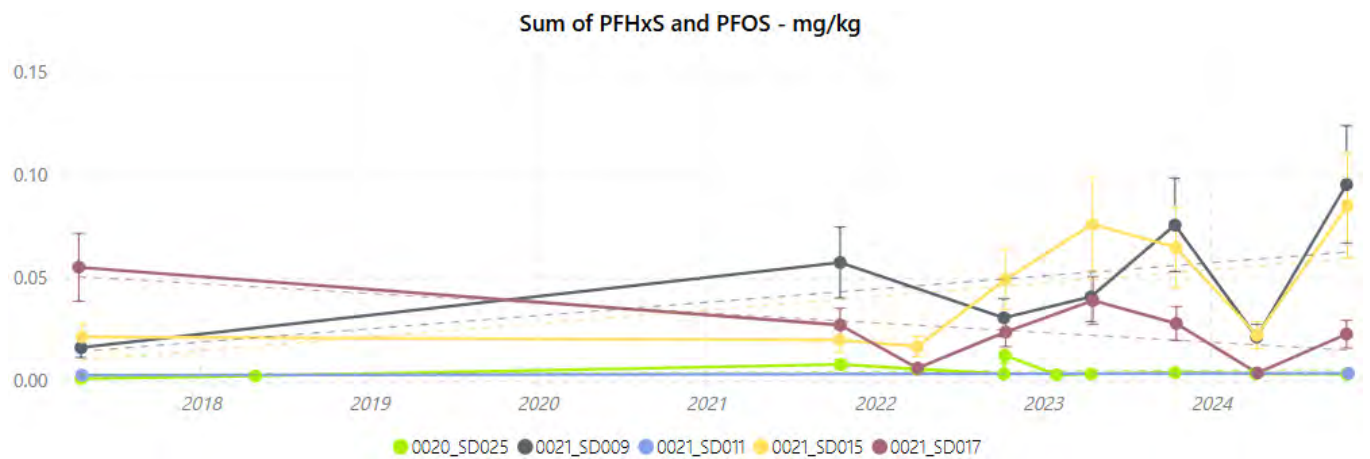


Plate D.9 Captains Lagoon – sediment: Pathway locations

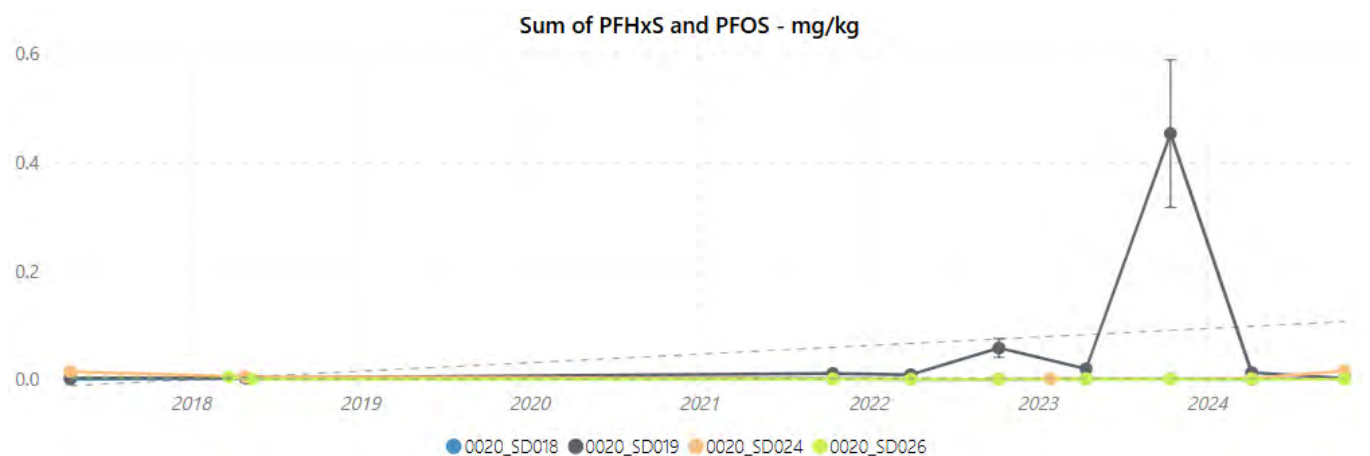


Plate D.10 Captains Lagoon – sediment: Receptor locations

Flatrock Creek – Groundwater

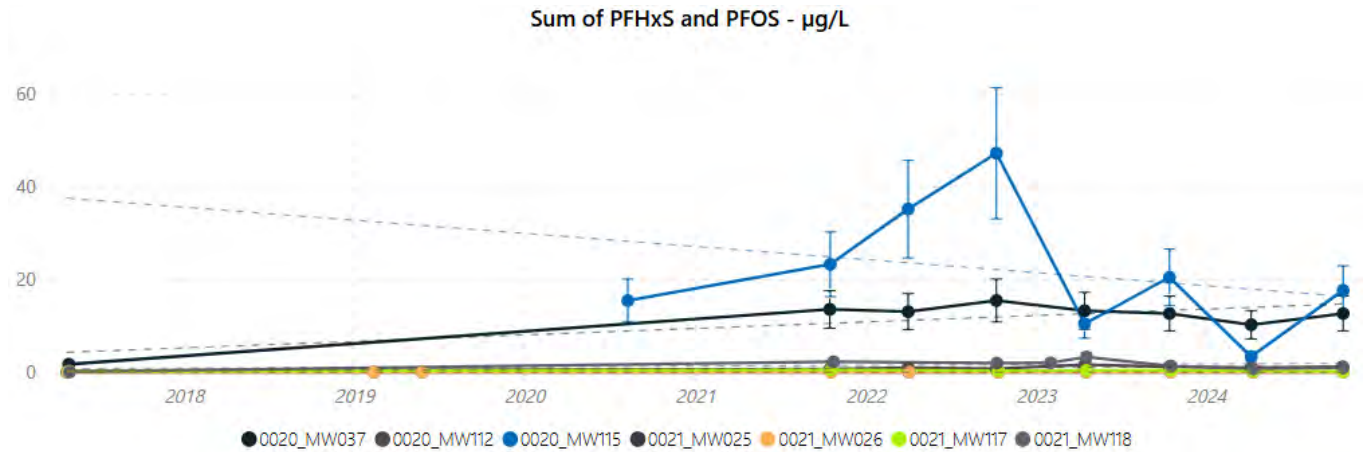


Plate D.11 Flatrock Creek – groundwater: Source locations

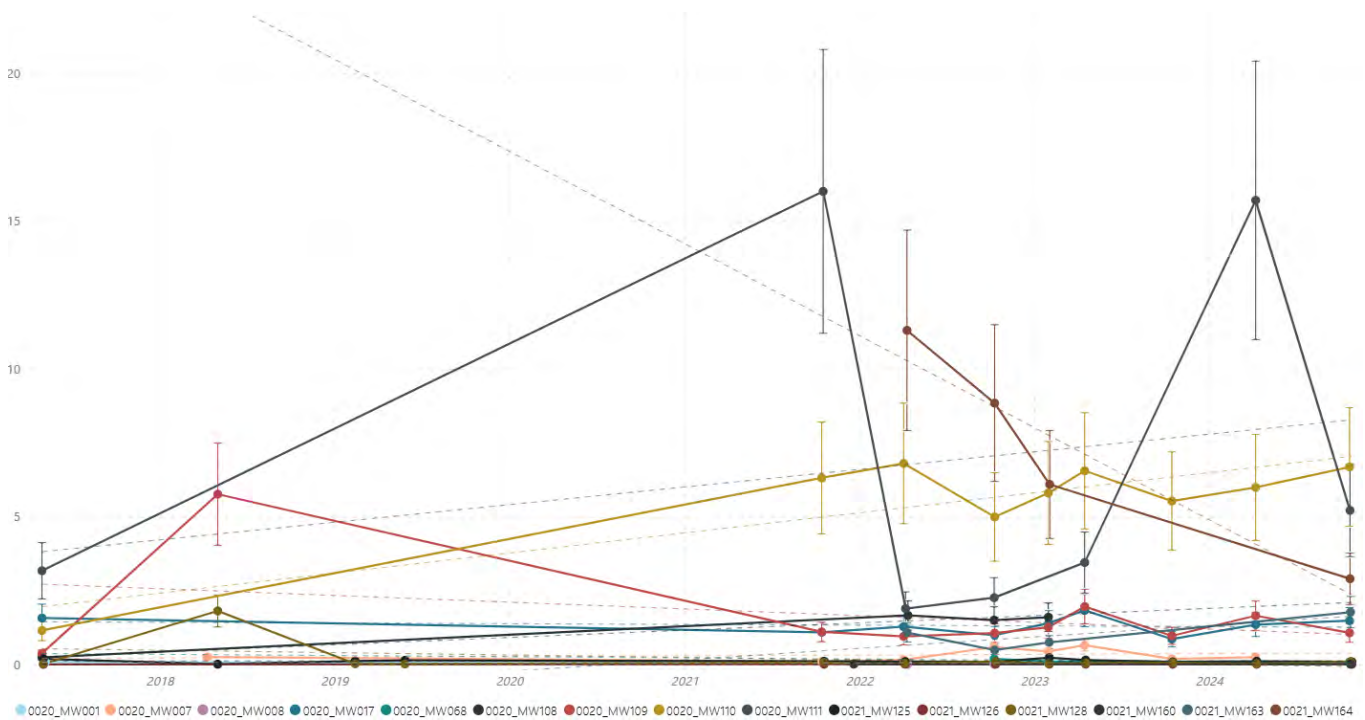


Plate D.12 Flatrock Creek – groundwater: All pathway locations (ug/L)

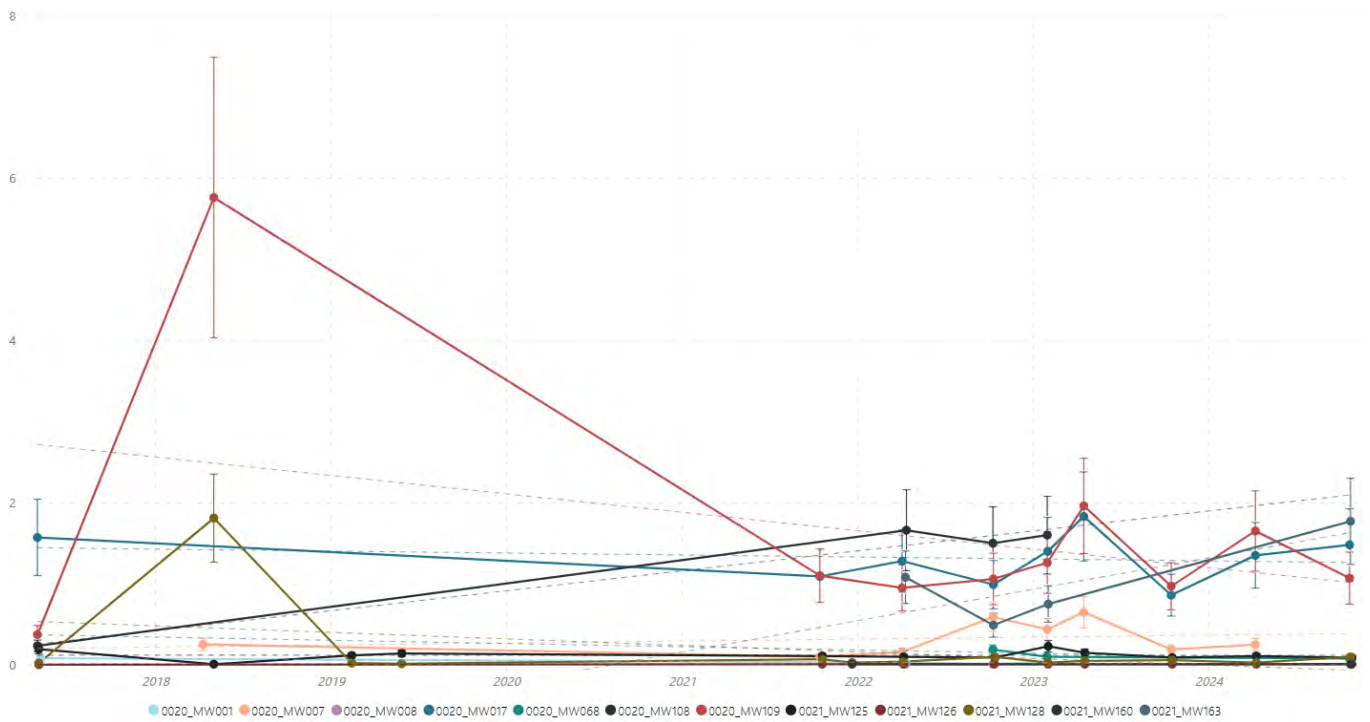


Plate D.13 Flatrock Creek – groundwater: Pathway locations, excluding 0020_MW110, 0020_MW111 and 0021_MW164 (ug/L)

Flatrock Creek – Surface water

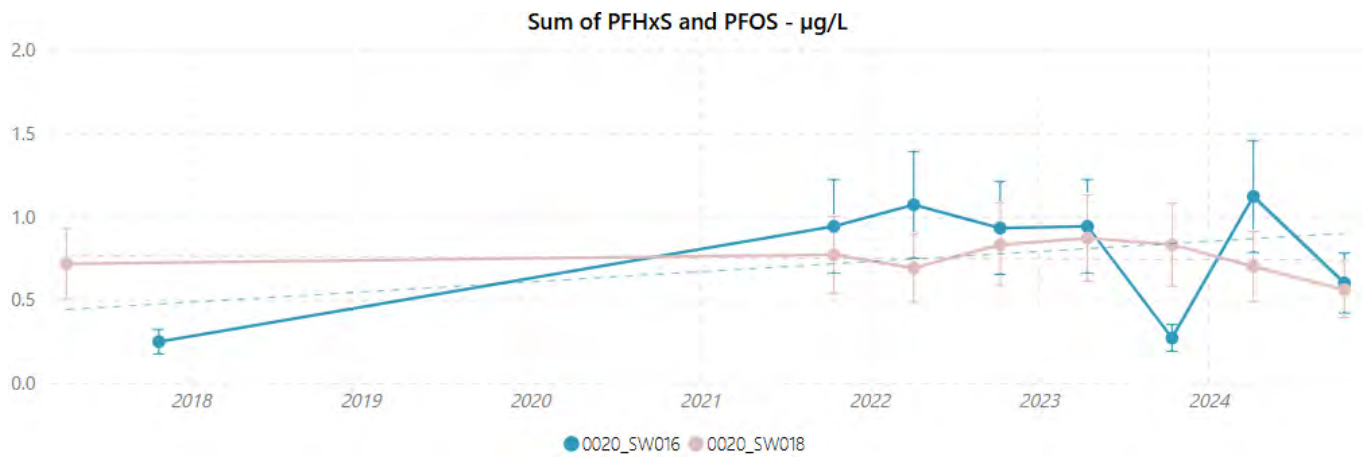


Plate D.14 Flatrock Creek – surface water: Source locations

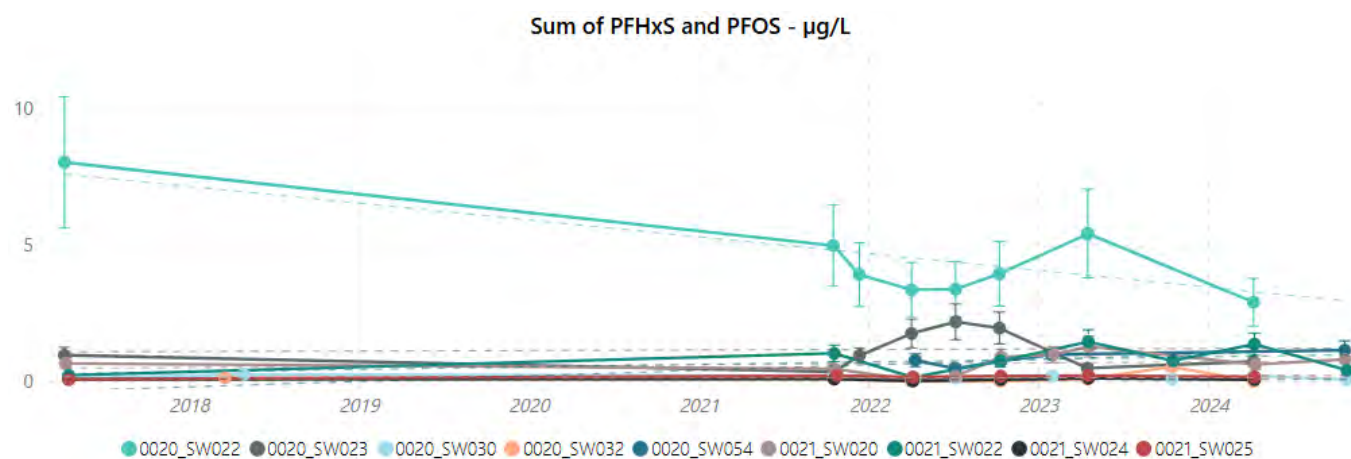


Plate D.15 Flatrock Creek – surface water: Pathway locations

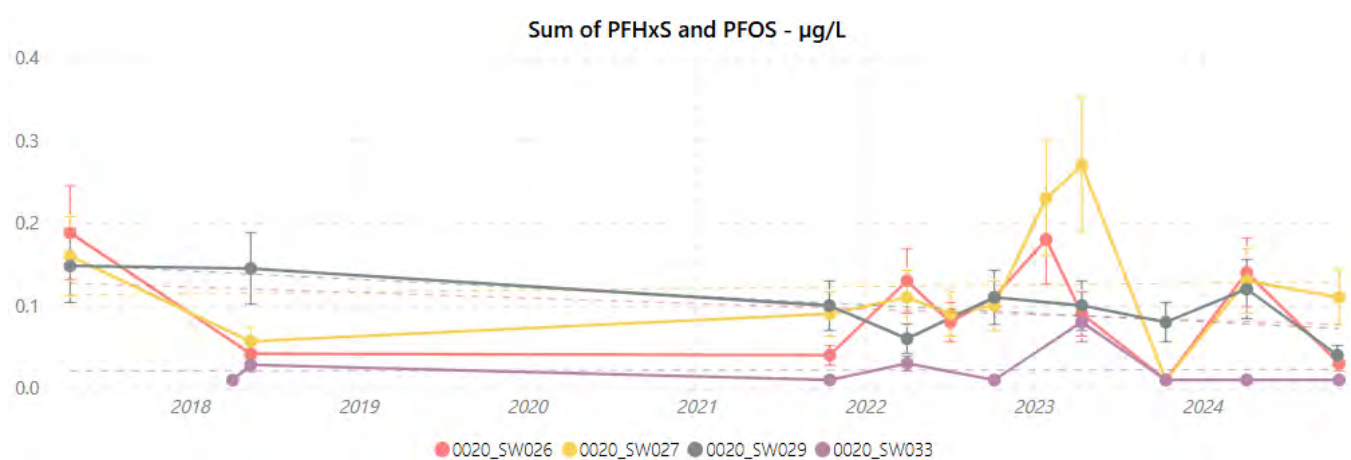


Plate D.16 Flatrock Creek – surface water: Receptor locations

Flatrock Creek – Sediment

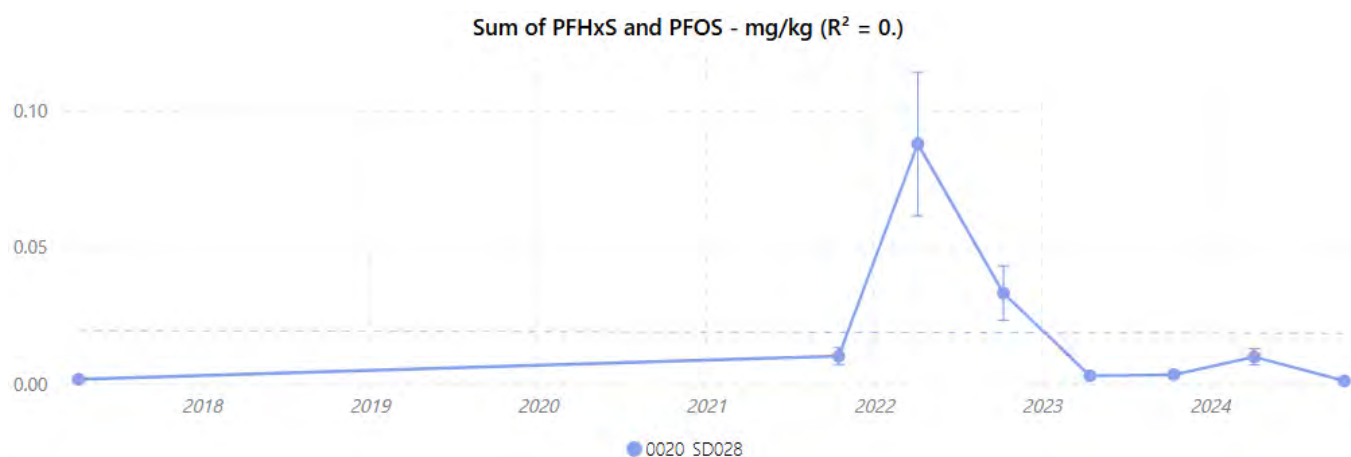


Plate D.17 Flatrock Creek – sediment: Source locations

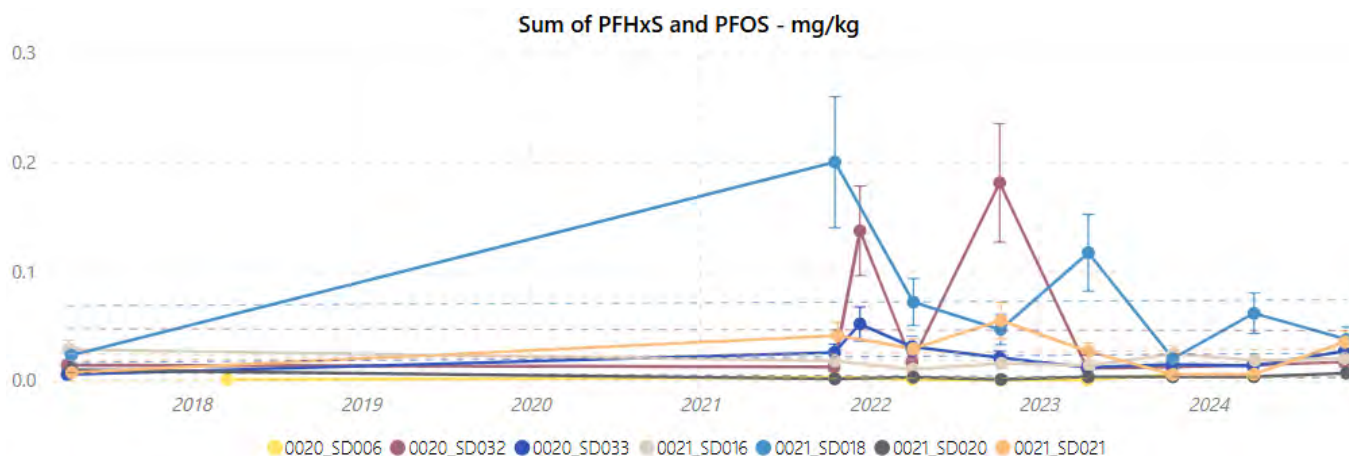


Plate D.18 Flatrock Creek – sediment: Pathway locations

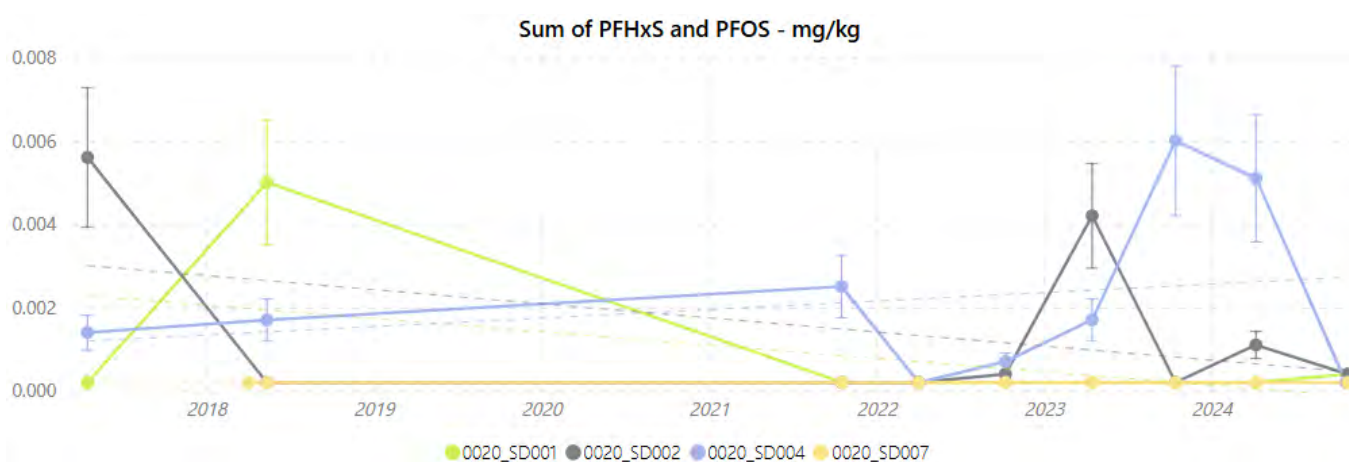


Plate D.19 Flatrock Creek – sediment: Receptor locations

Lakes – Groundwater

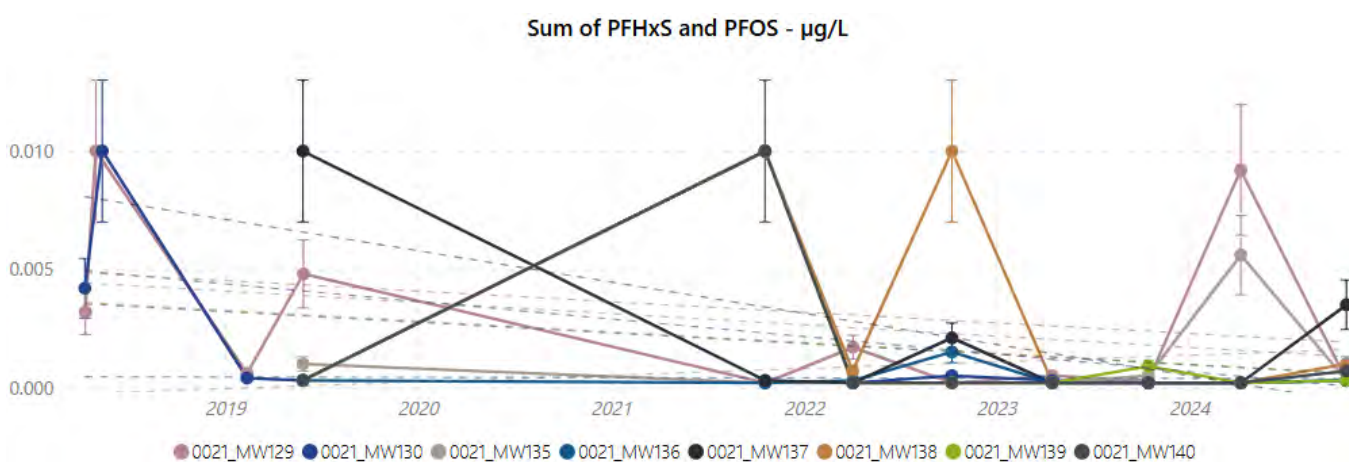


Plate D.20 Lakes – groundwater: Pathway locations

Lakes – Surface water

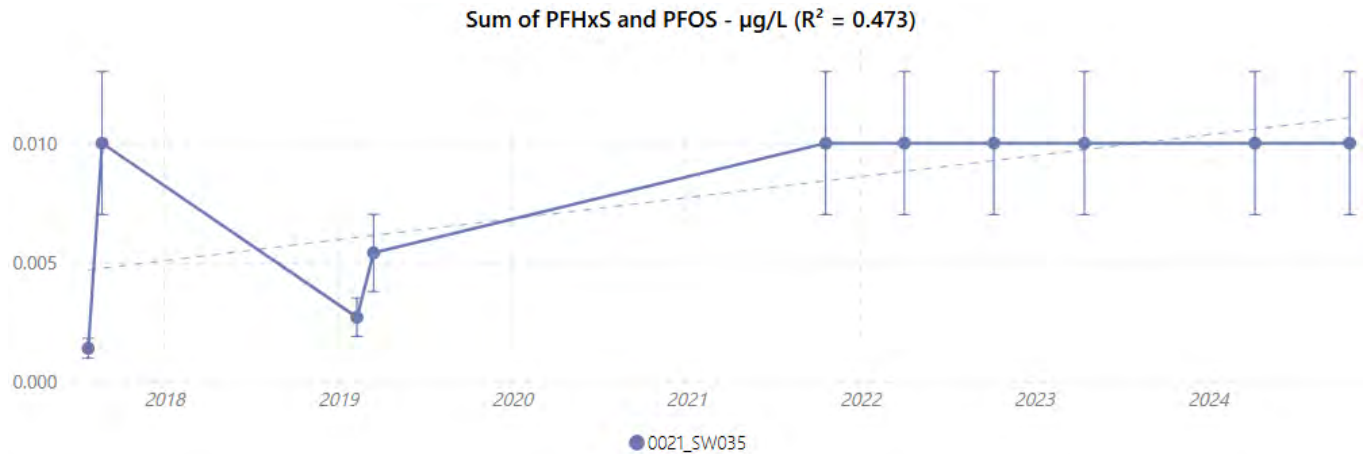


Plate D.21 Lakes – surface water: Pathway locations

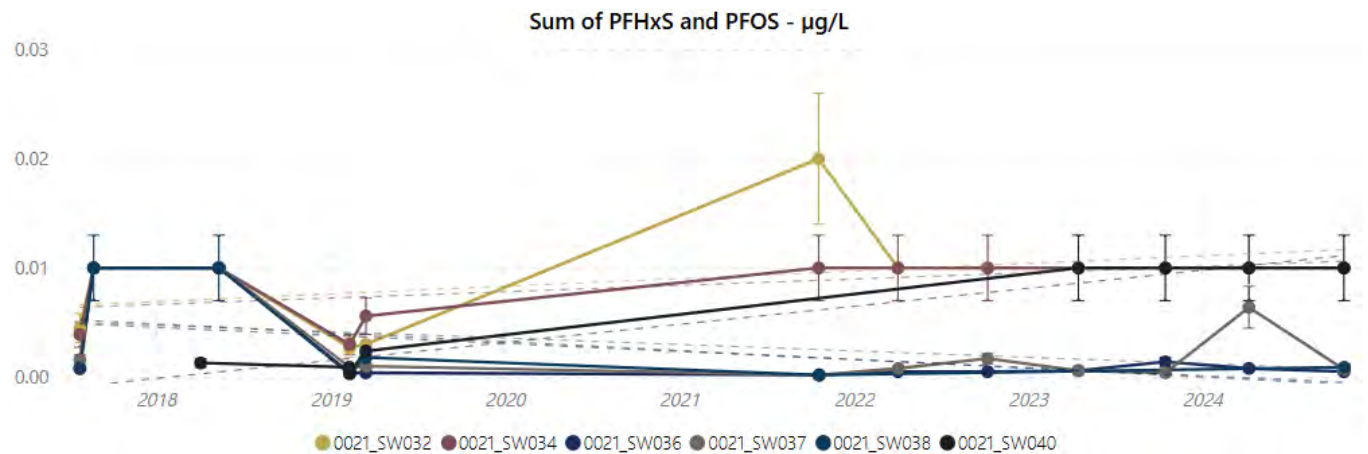


Plate D.22 Lakes – surface water: Receptor locations

Lakes – Sediment

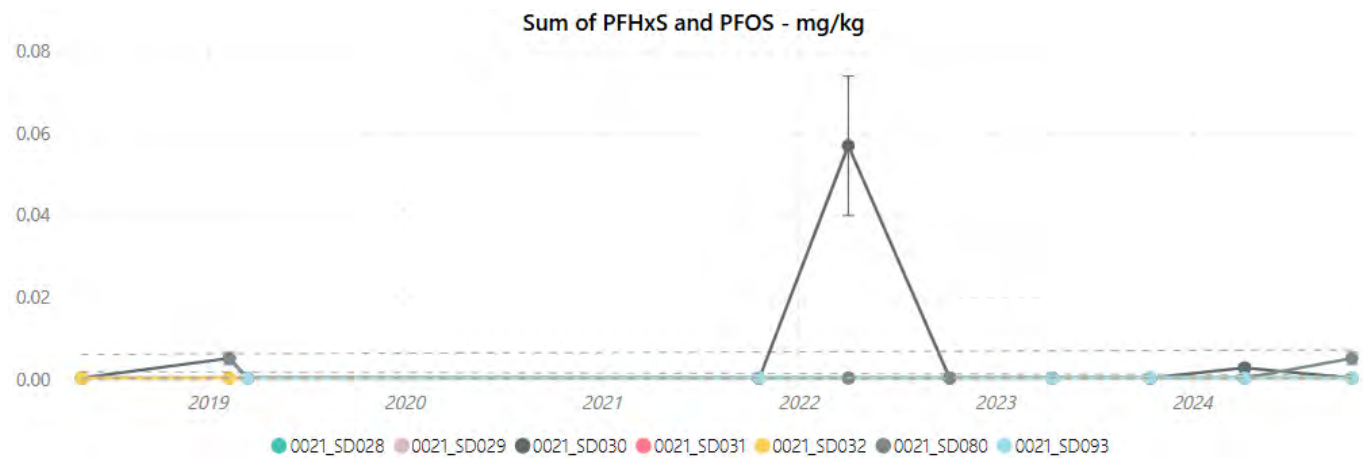


Plate D.23 Lakes – sediment: Pathway and receptor locations

Clay Pools – Groundwater

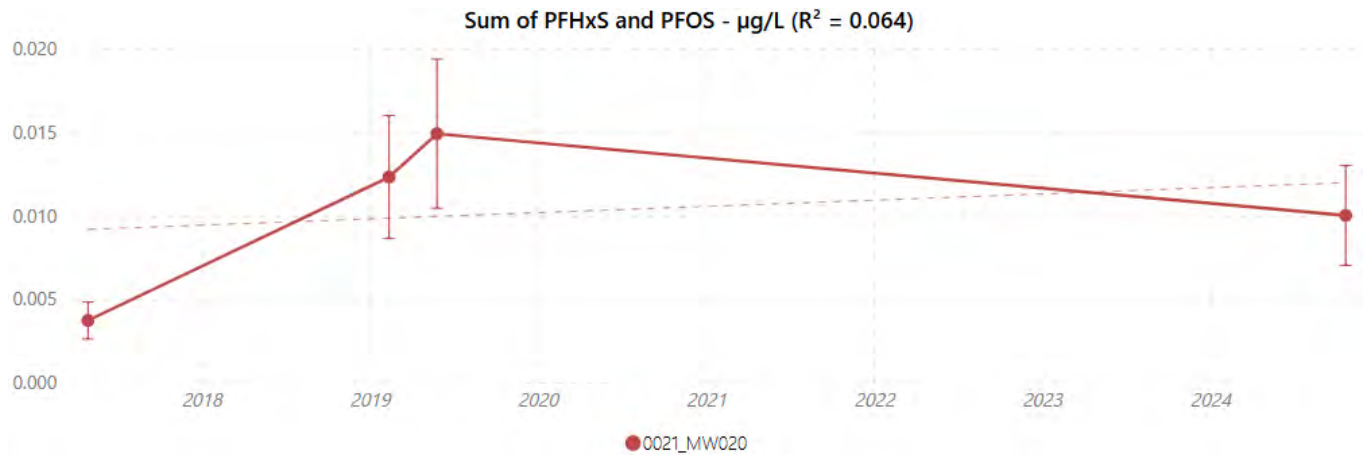


Plate D.24 Clay Pools – groundwater: Receptor locations

Clay Pools – Surface water

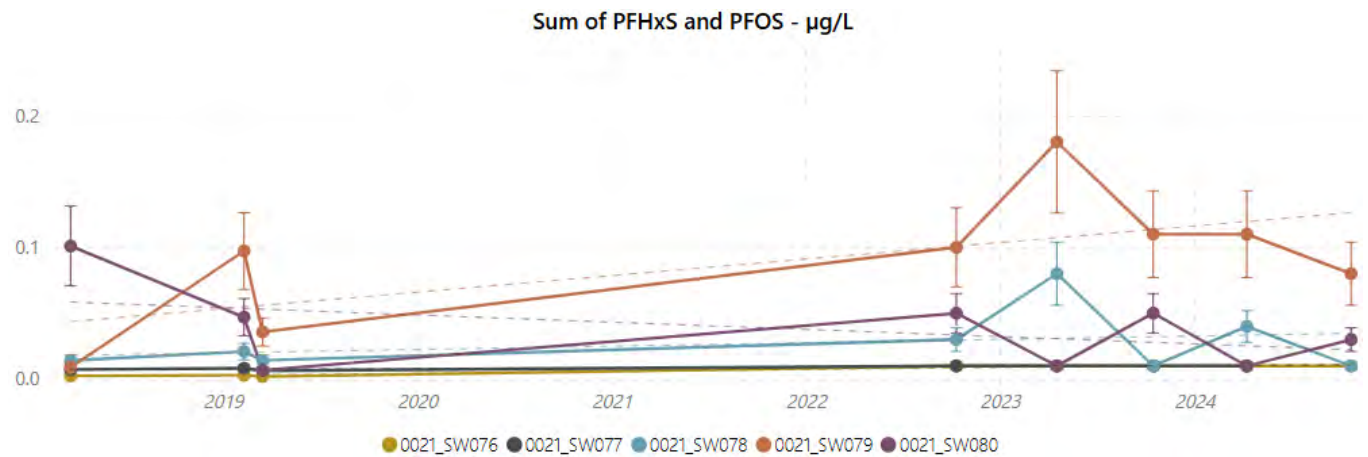


Plate D.25 Clay Pools – surface water: Receptor locations

Clay Pools – Sediment

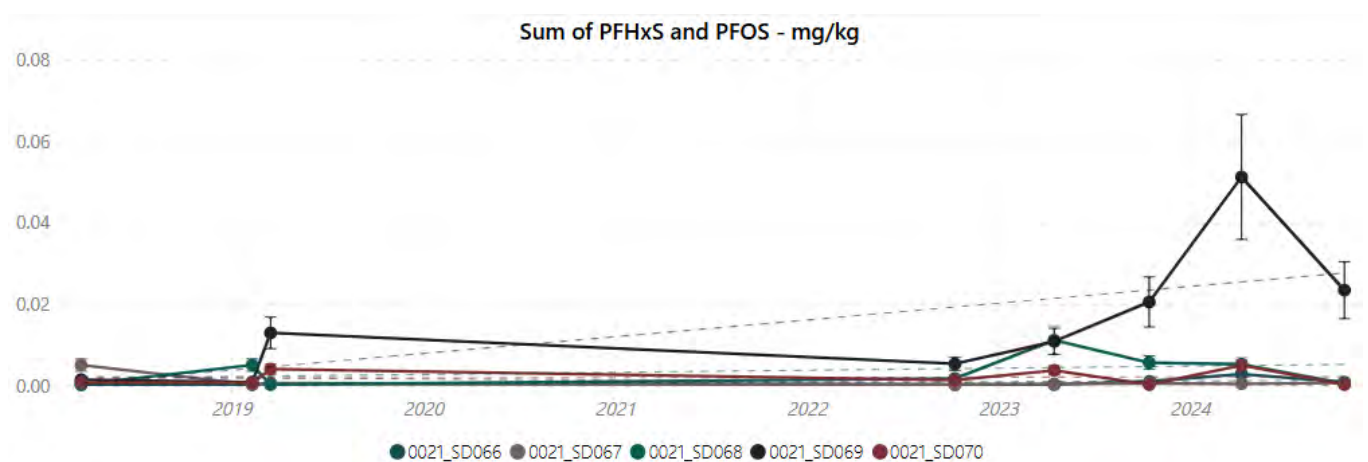


Plate D.26 Clay Pools – sediment: Receptor locations

Mary Creek – Groundwater

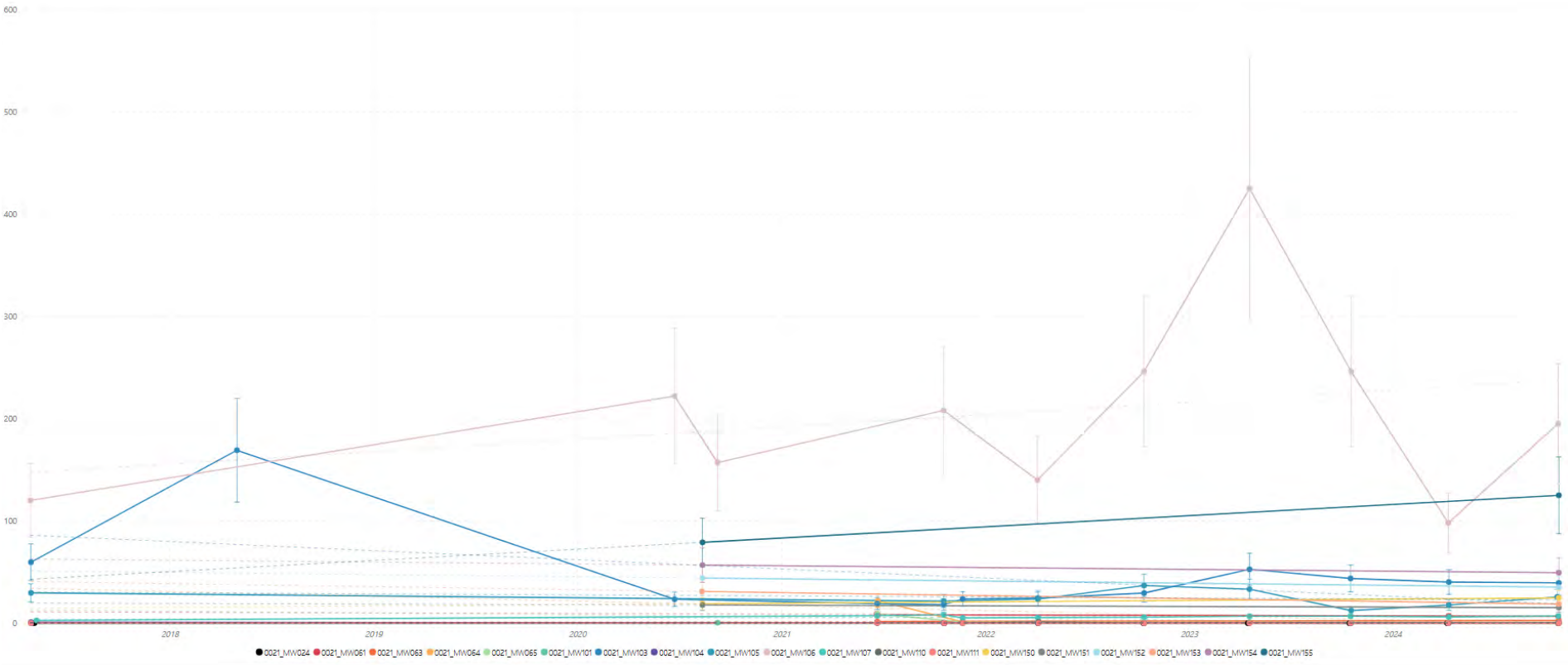


Plate D.27 Mary Creek – groundwater: All source locations (ug/L)

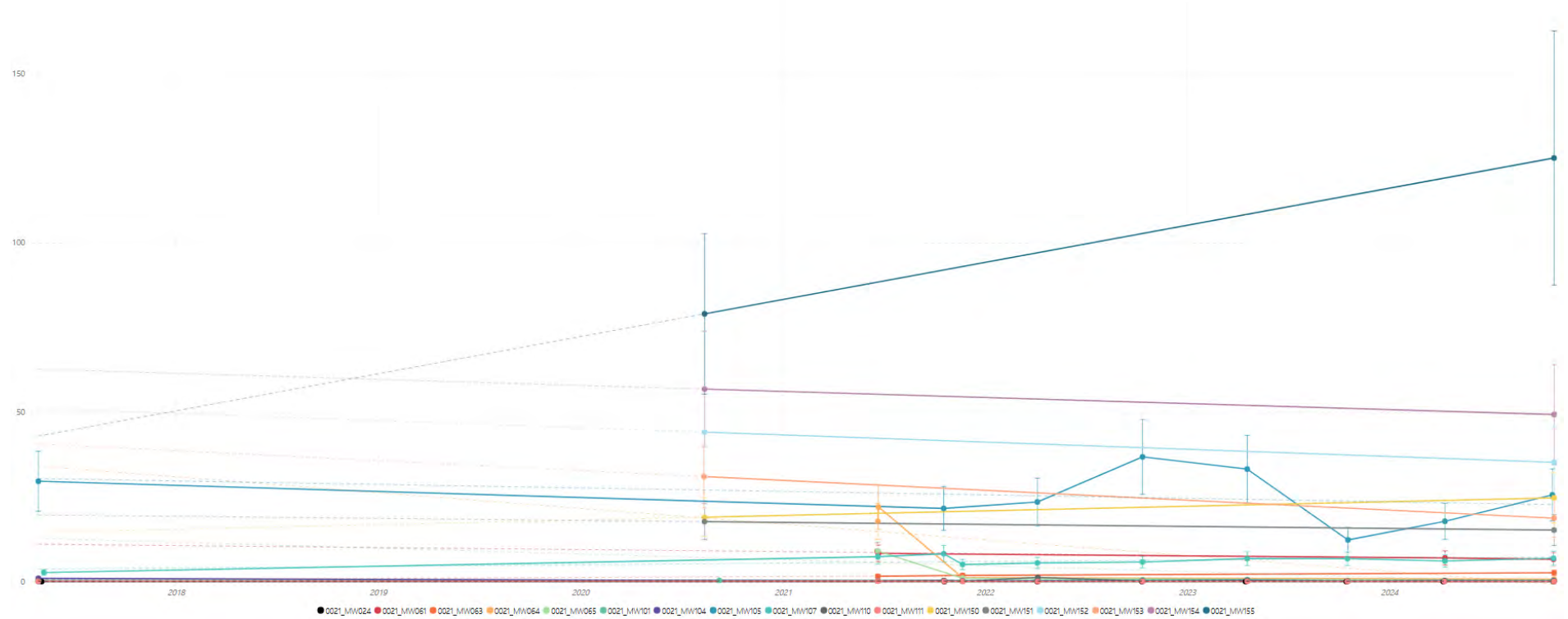


Plate D.28 Mary Creek – groundwater: Source locations excluding 0021_MW103 and 0021_MW106 (ug/L)

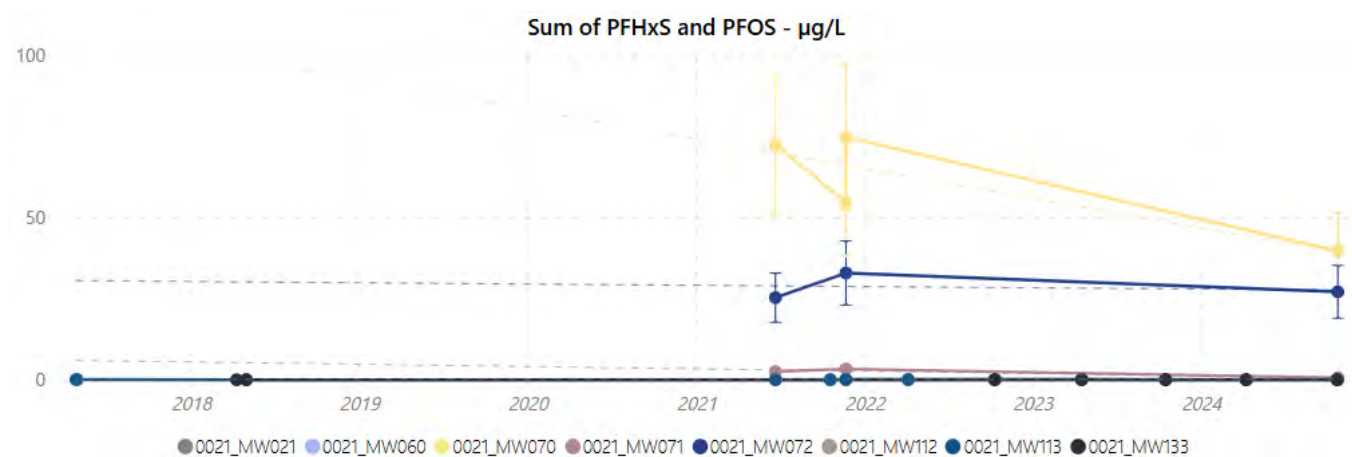


Plate D.29 Mary Creek – groundwater: Pathway locations

Mary Creek – Surface water

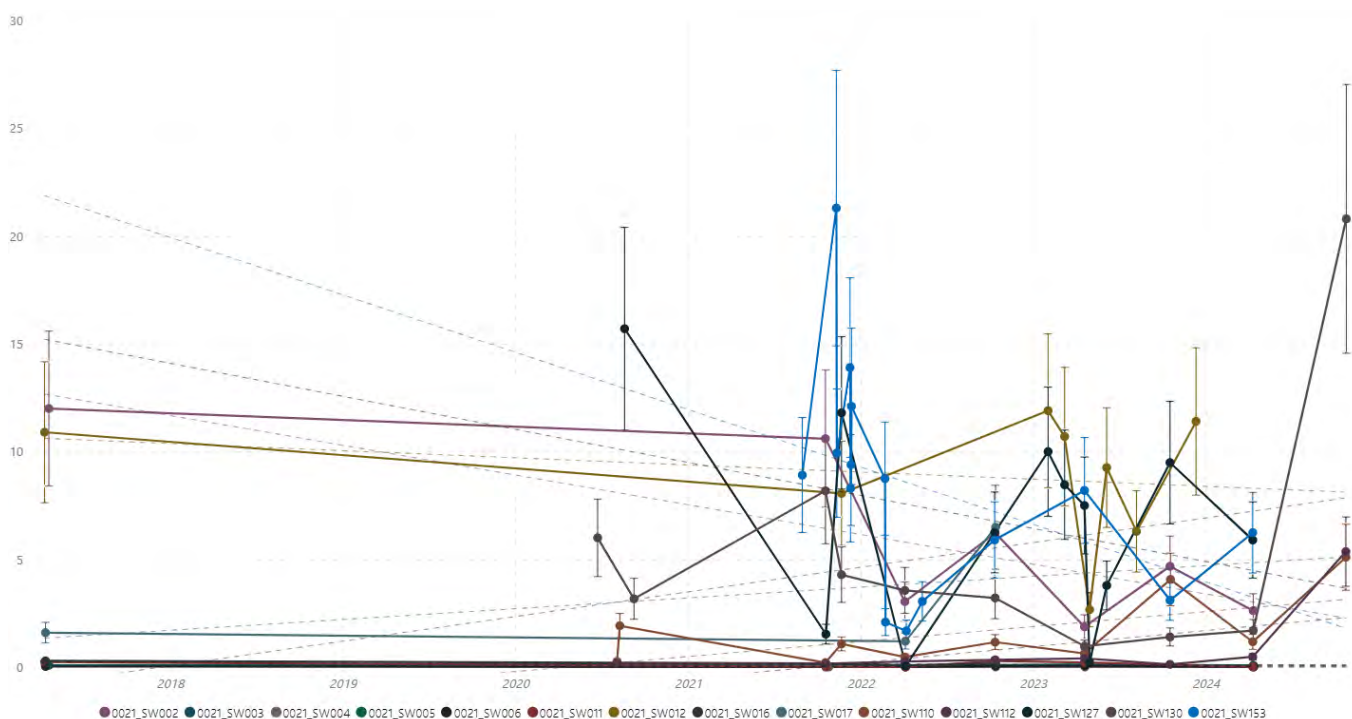


Plate D.30 Mary Creek – surface water: Source locations

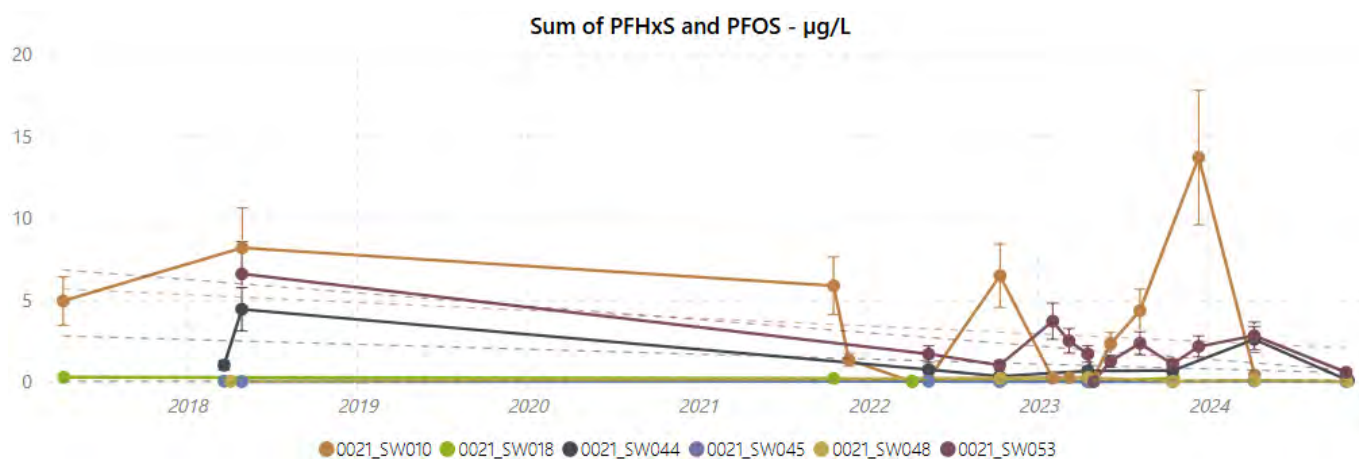


Plate D.31 Mary Creek – surface water: Pathway locations

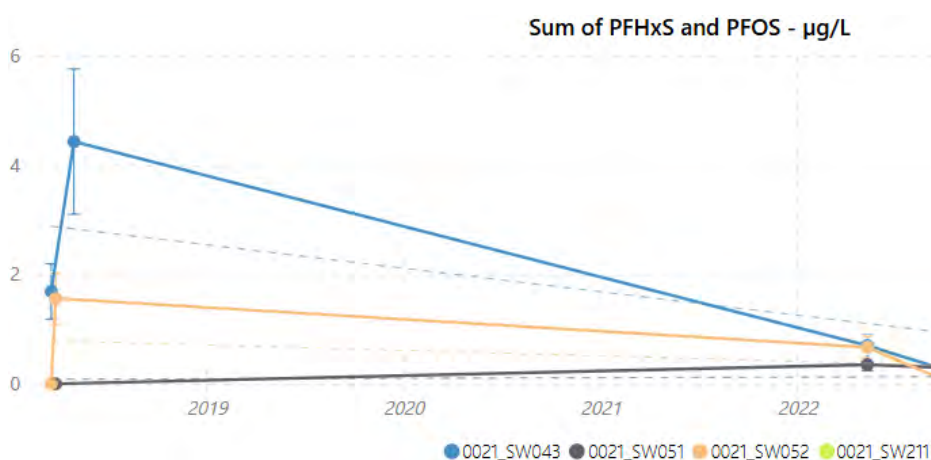


Plate D.32 Mary Creek – surface water: Receptor locations

Mary Creek – Sediment

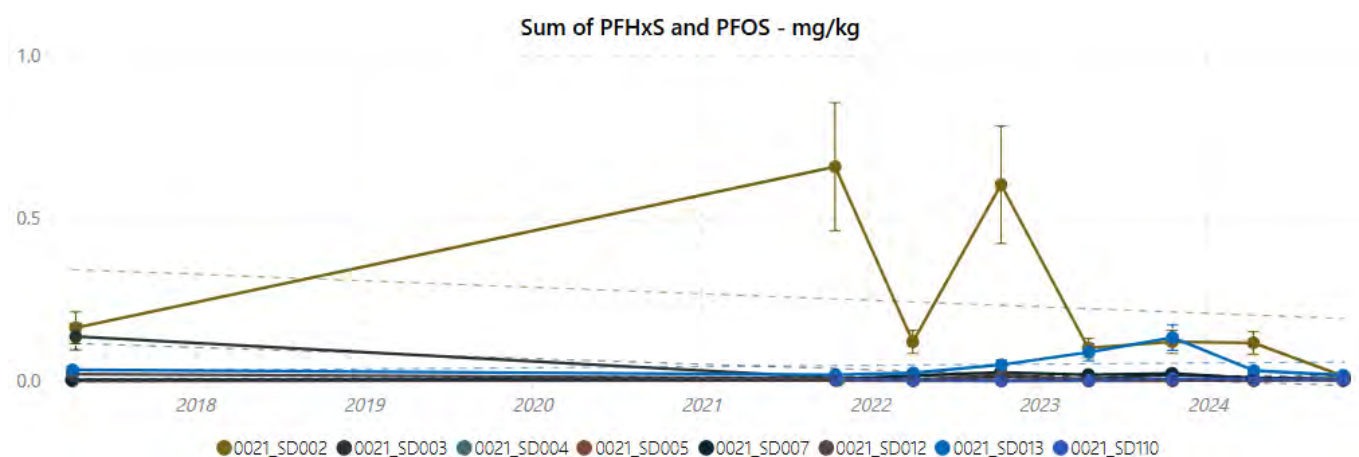


Plate D.33 Mary Creek – sediment: Source locations

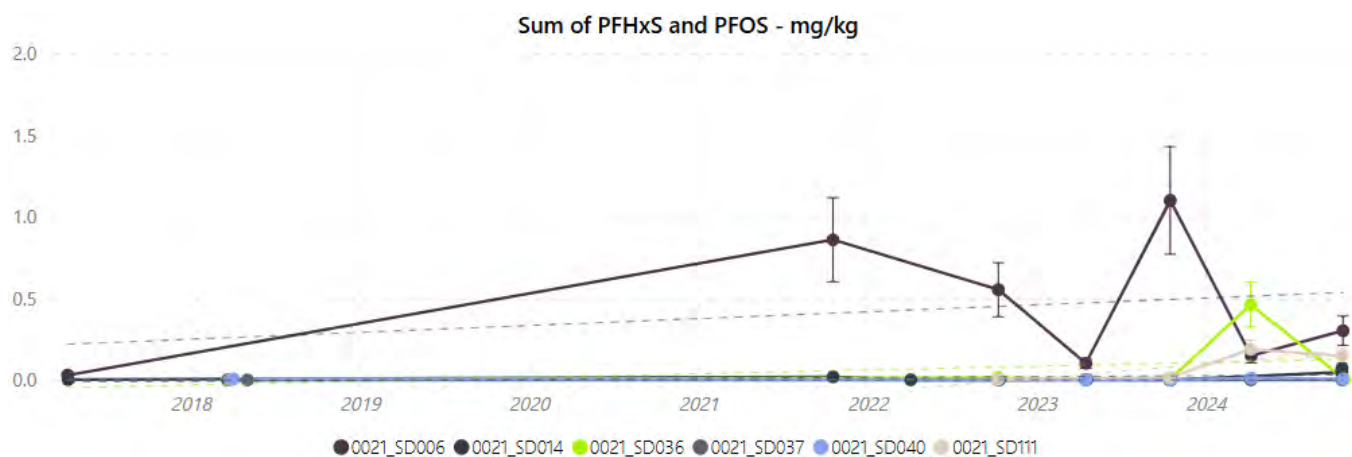


Plate D.34 Mary Creek – sediment: Pathway locations

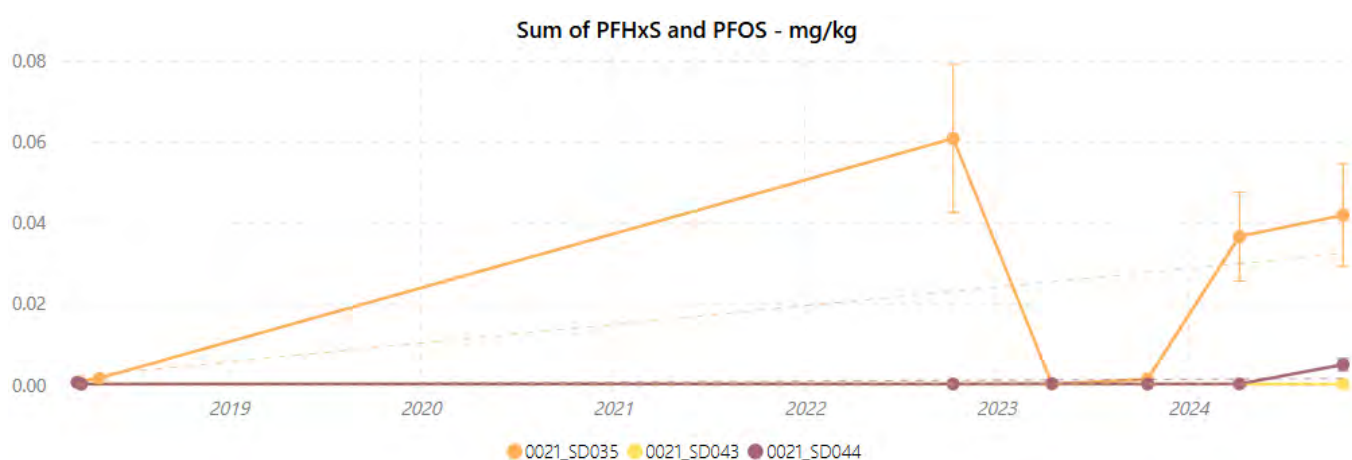


Plate D.35 Mary Creek – sediment: Receptor locations

Summercloud Creek – Groundwater

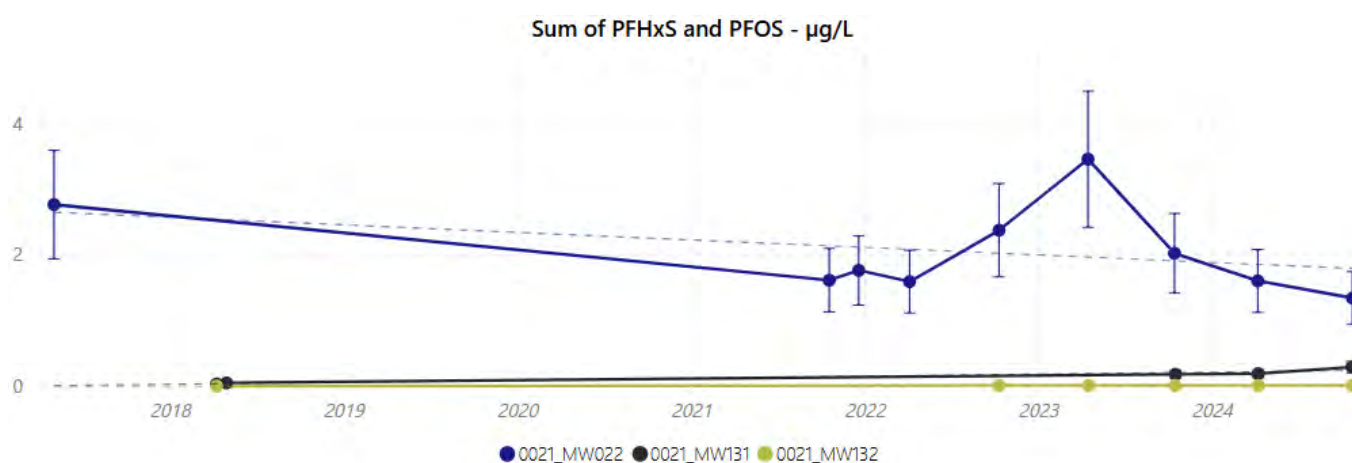


Plate D.36 Summercloud Creek – groundwater: Pathway locations

Summercloud Creek – Surface water

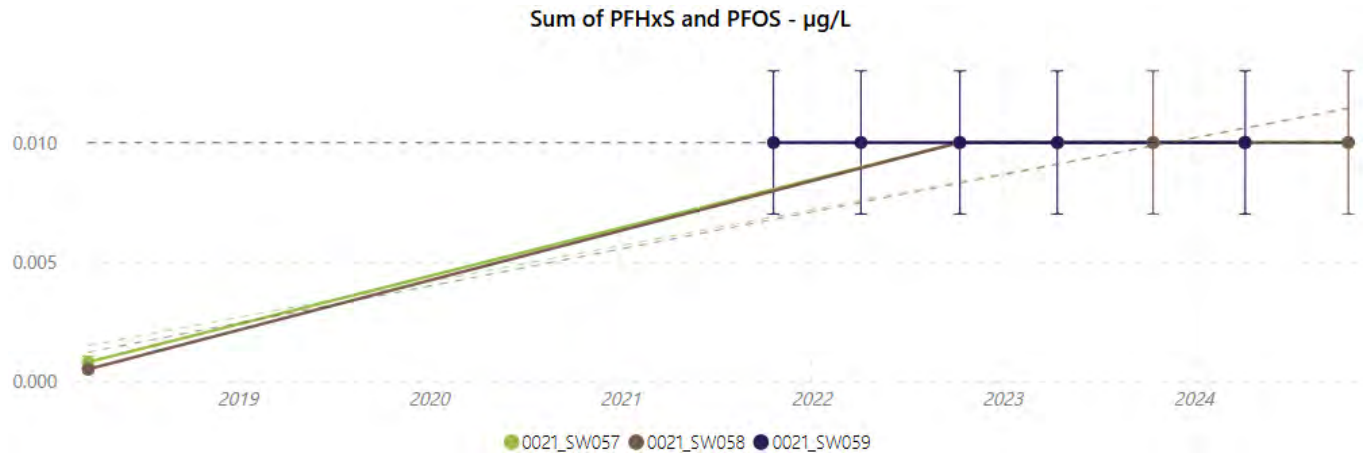


Plate D.37 Summercloud Creek – surface water: Pathway locations

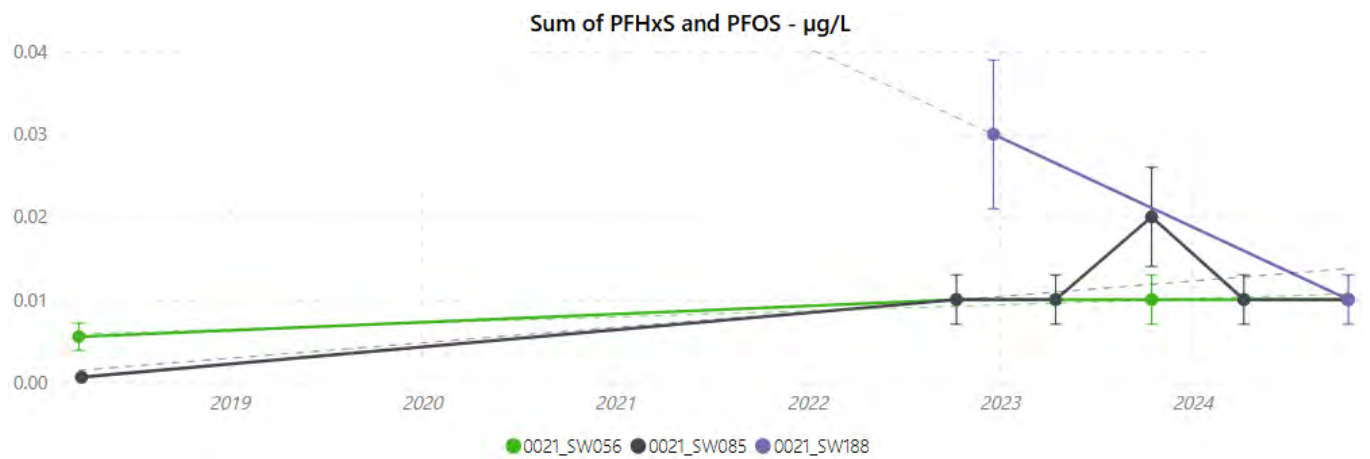


Plate D.38 Summercloud Creek – surface water: Receptor locations

Summercloud Creek – Sediment

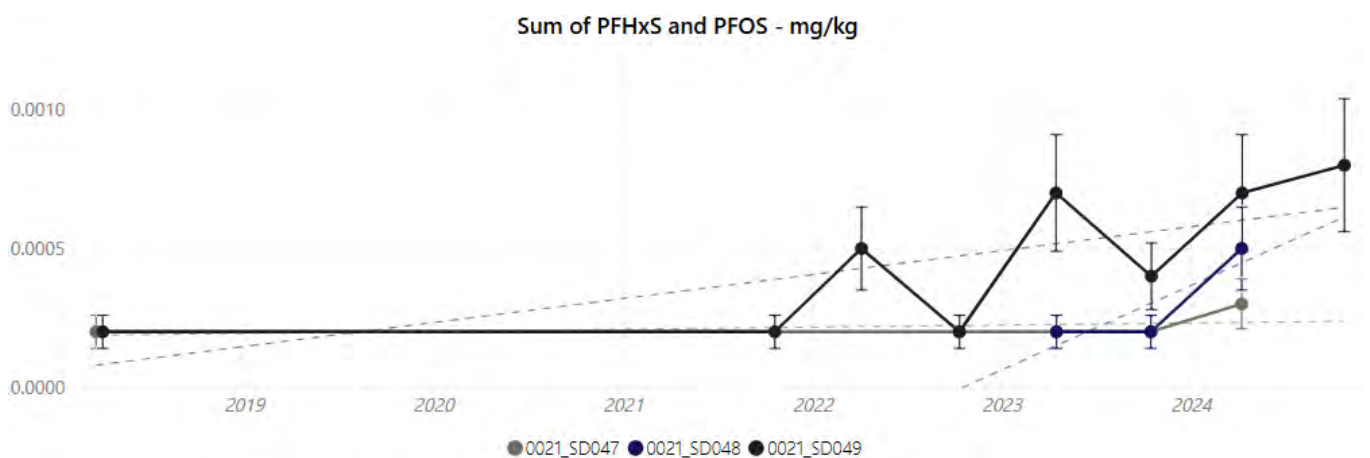


Plate D.39 Summercloud Creek – sediment: Pathway locations

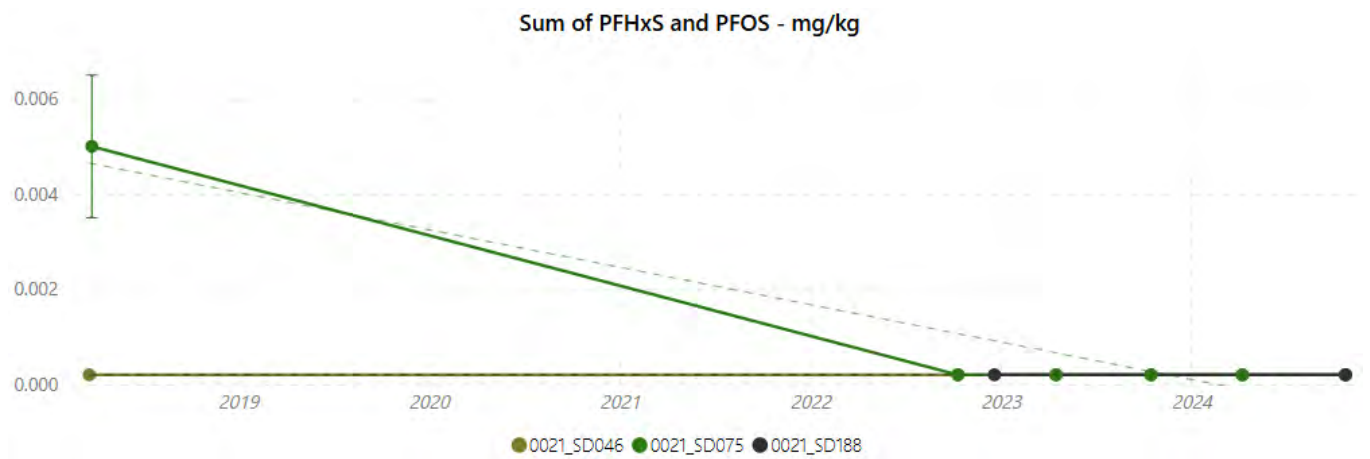


Plate D.40 Summercloud Creek –sediment: Receptor locations

Telegraph Creek – Surface water

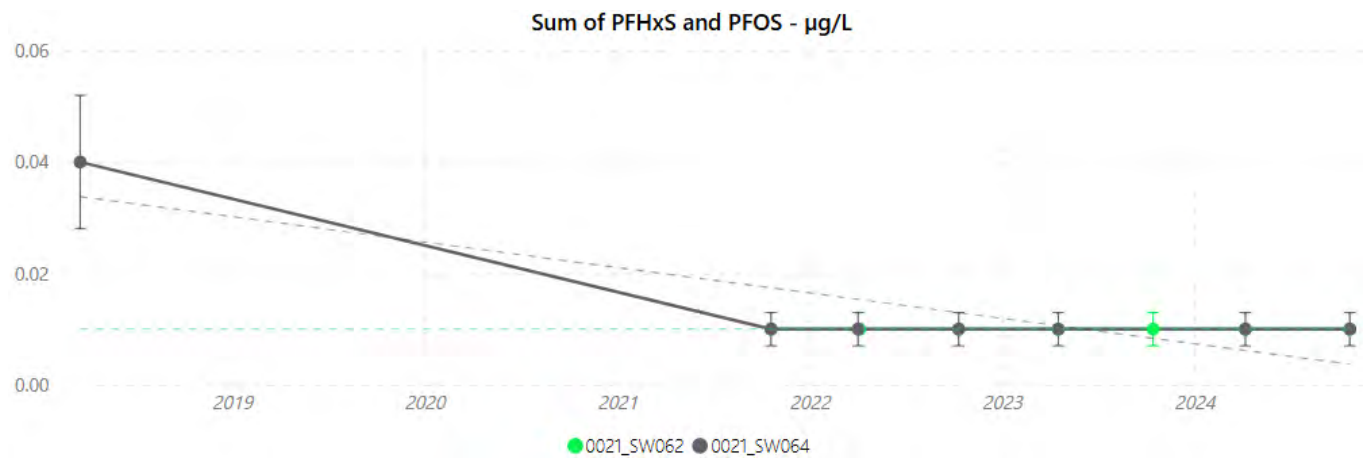


Plate D.41 Telegraph Creek – surface water: Pathway locations

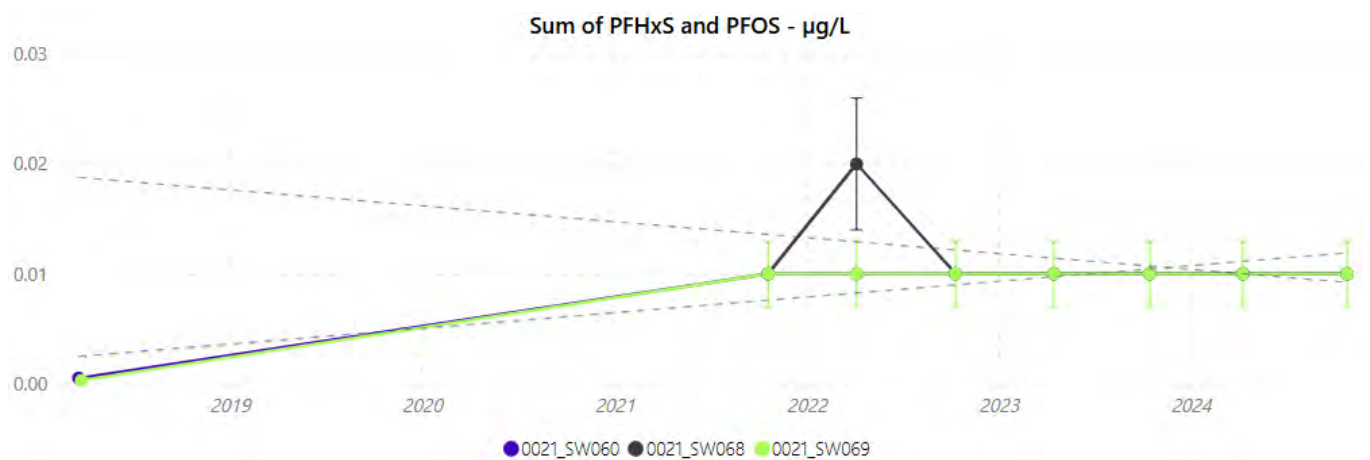


Plate D.42 Telegraph Creek – surface water: Receptor locations

Telegraph Creek – Sediment

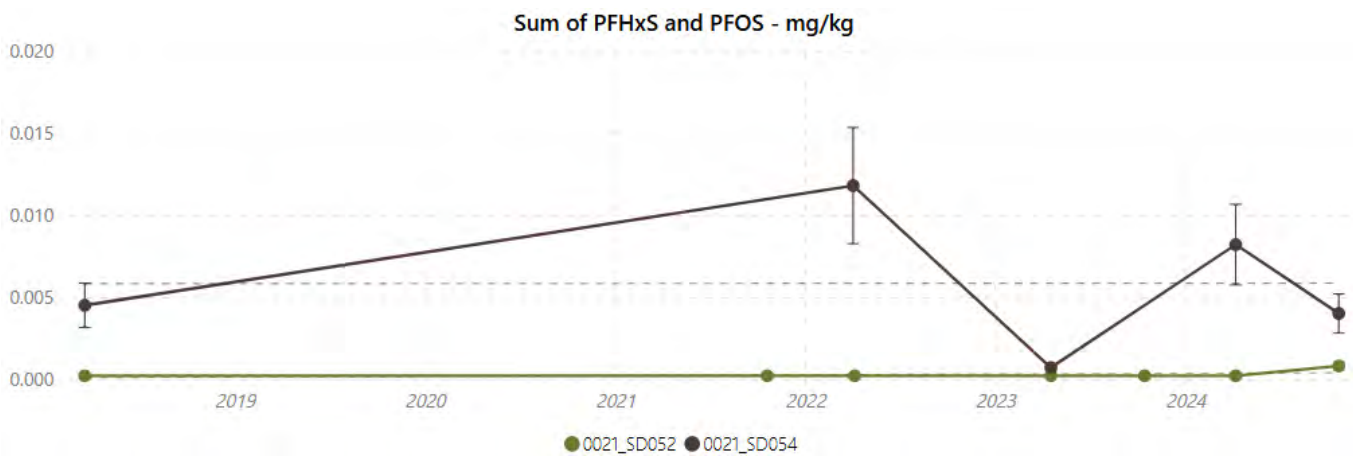


Plate D.43 Telegraph Creek – sediment: Pathway locations

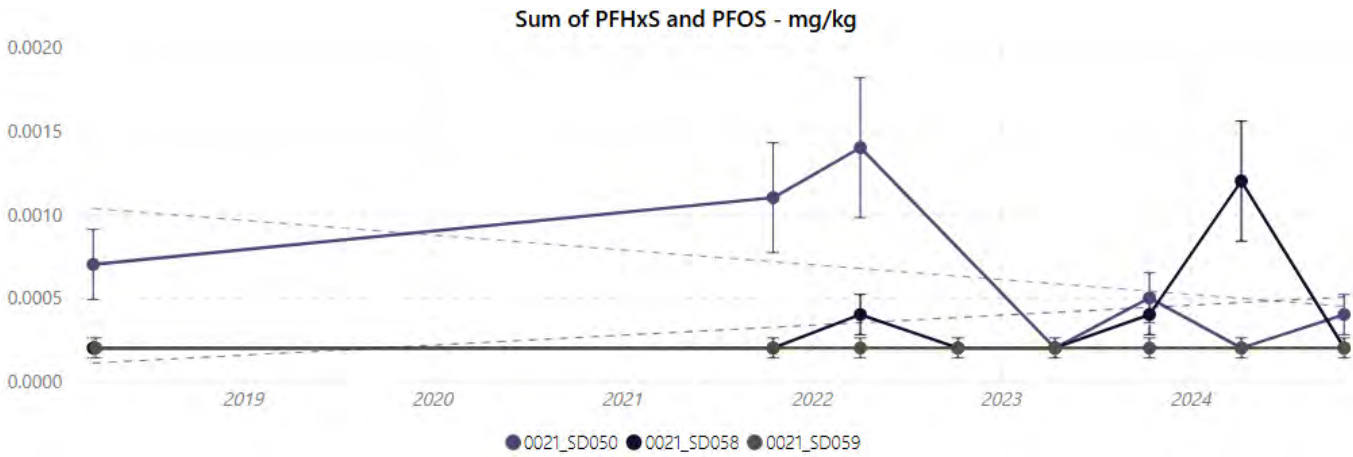


Plate D.44 Telegraph Creek – sediment: Receptor locations

Tank infrastructure water

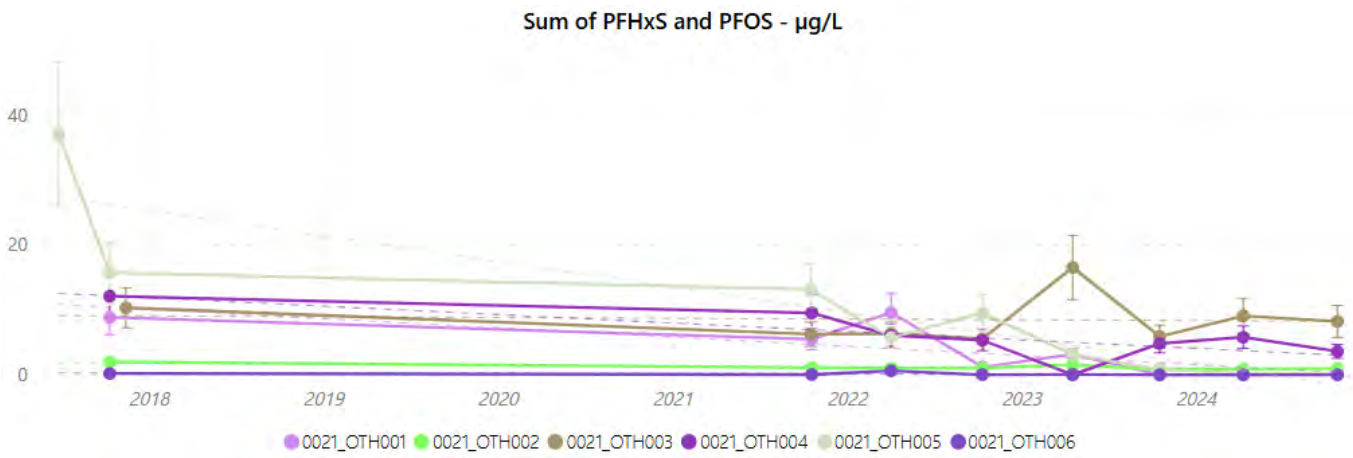


Plate D.45 RAN SSSS (OTH001 to OTH006)

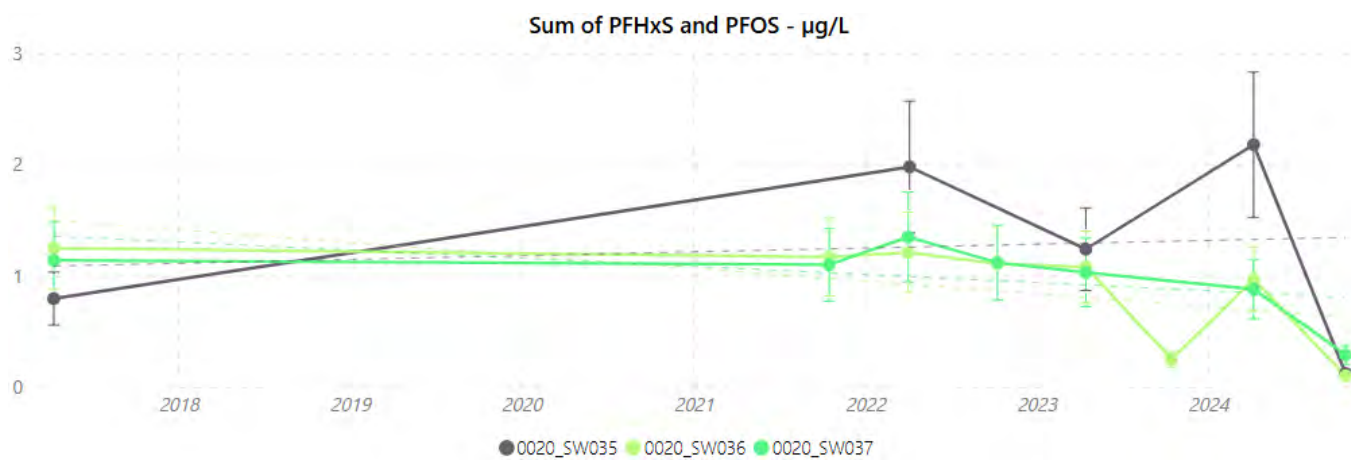
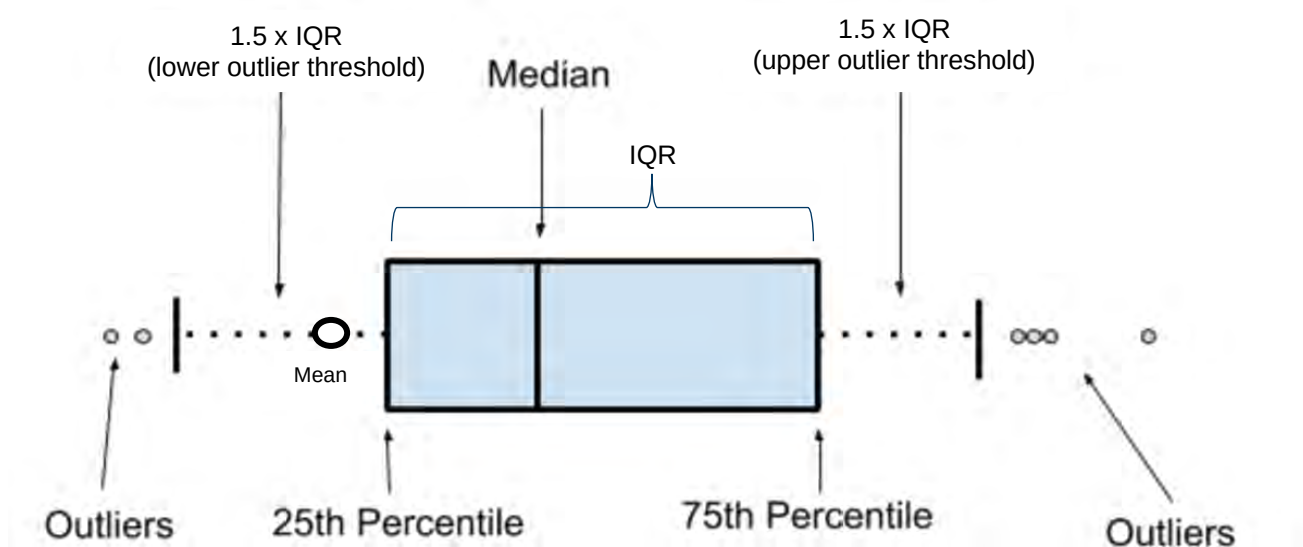


Plate D.46 Sewerage treatment plant (STP)

Appendix E

**Box and whisker plots: PFOS+PFHxS
(waters)**

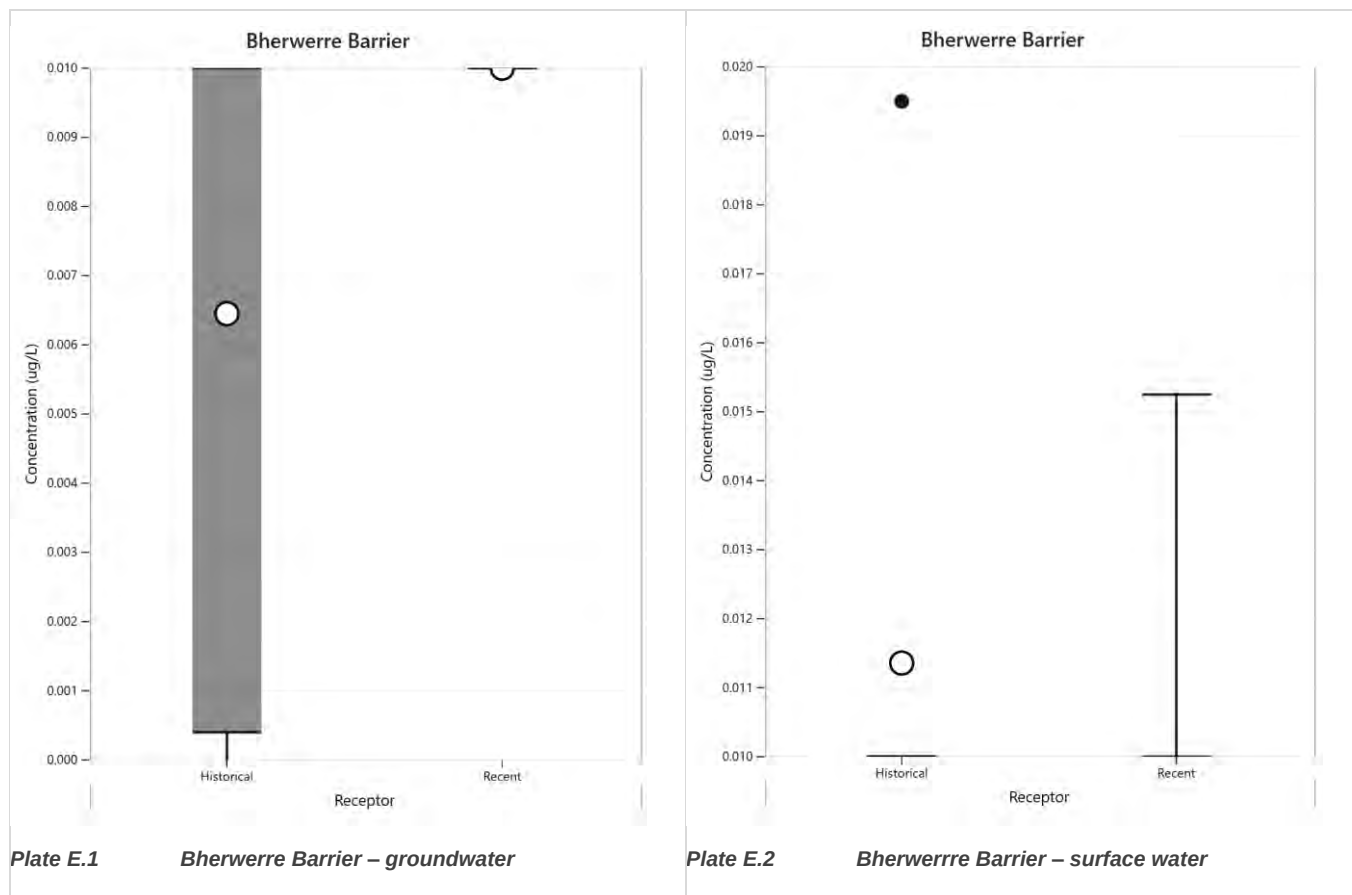
The image below (Graphic 1) provides a guide for how to read a box and whisker plot. Duplicate samples were included in the data set, and a limit of reporting (LOR) multiplier of 1 was applied.



Graphic 1 Box and whisker plot summary (where IQR = Inter quartile range)

All graphs below represent the concentration of PFOS+PFHxS (ug/L).

Bherwerre Barrier



Captains Lagoon

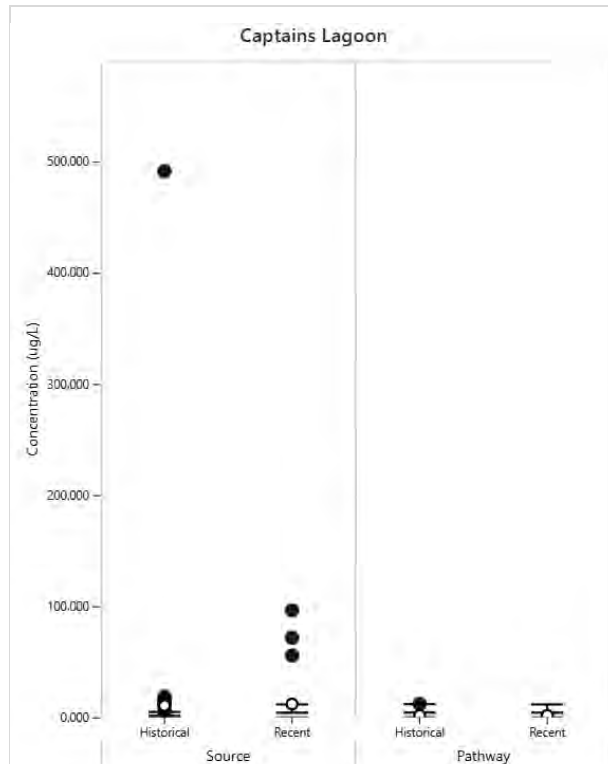


Plate E.3 Captains Lagoon – groundwater

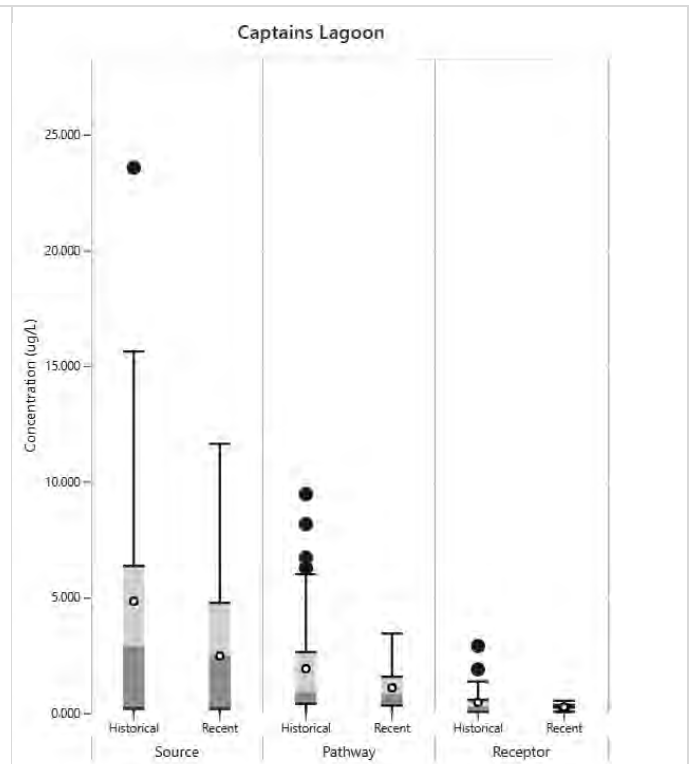


Plate E.4 Captains Lagoon – surface water

Flatrock Creek

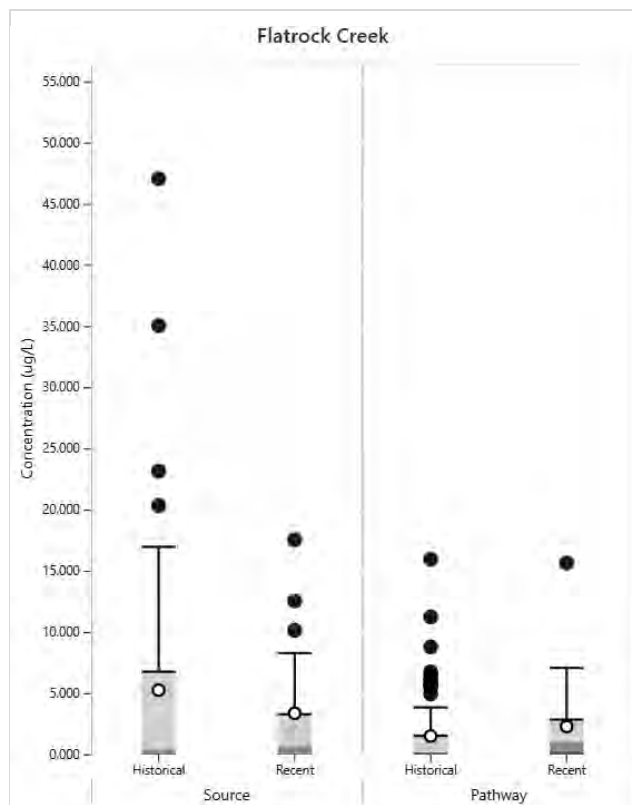


Plate E.5 Flatrock Creek – groundwater

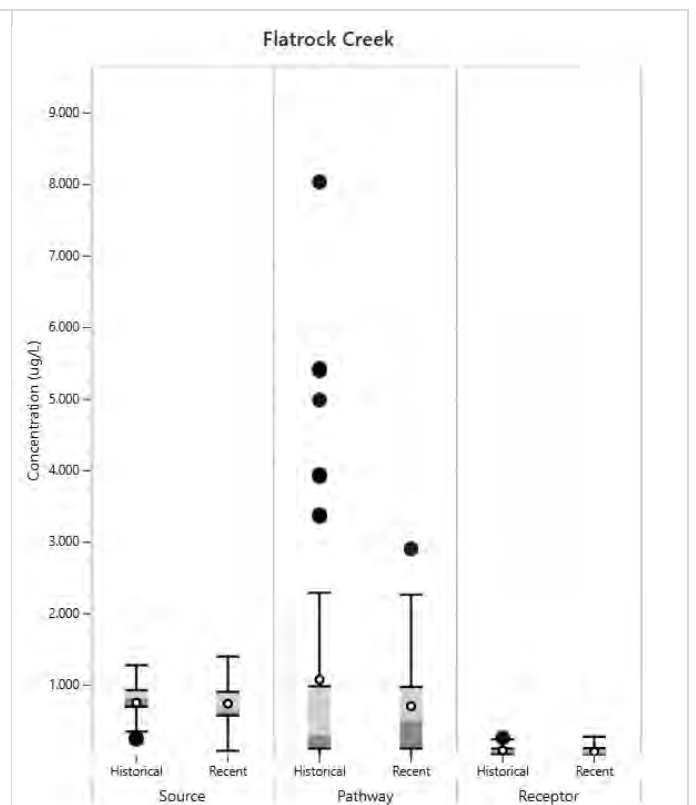


Plate E.6 Flatrock Creek – surface water

Lakes

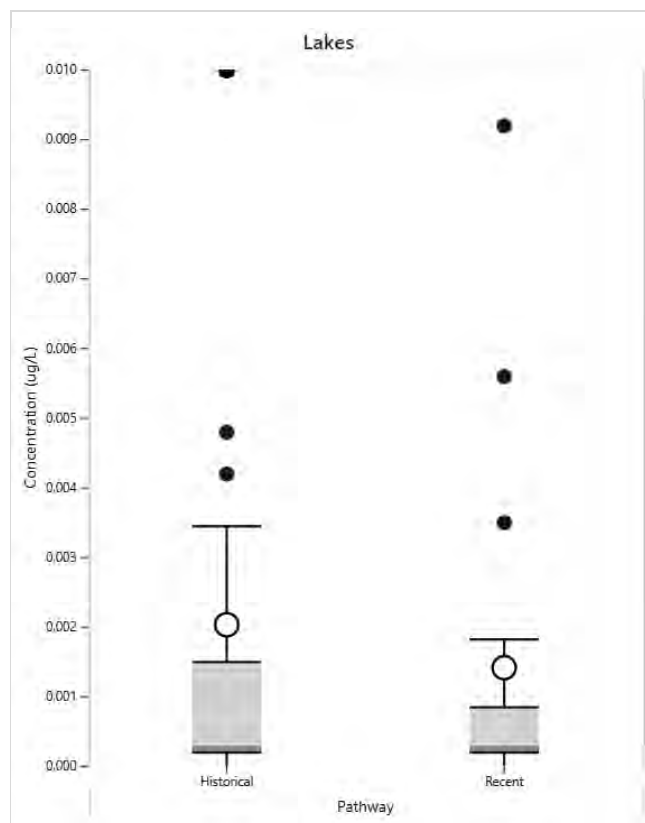


Plate E.7 Lakes – groundwater

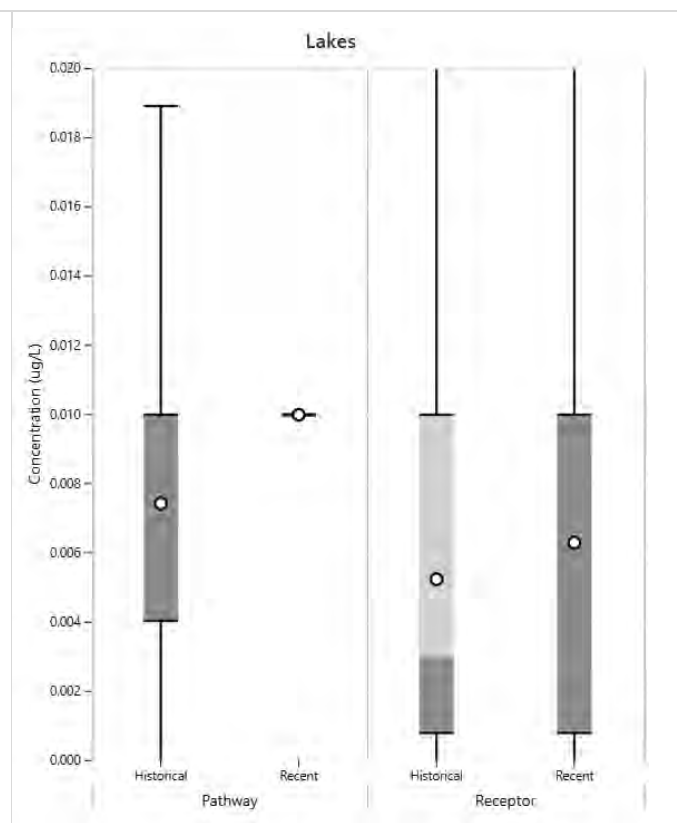


Plate E.8 Lakes – surface water

Clay Pools

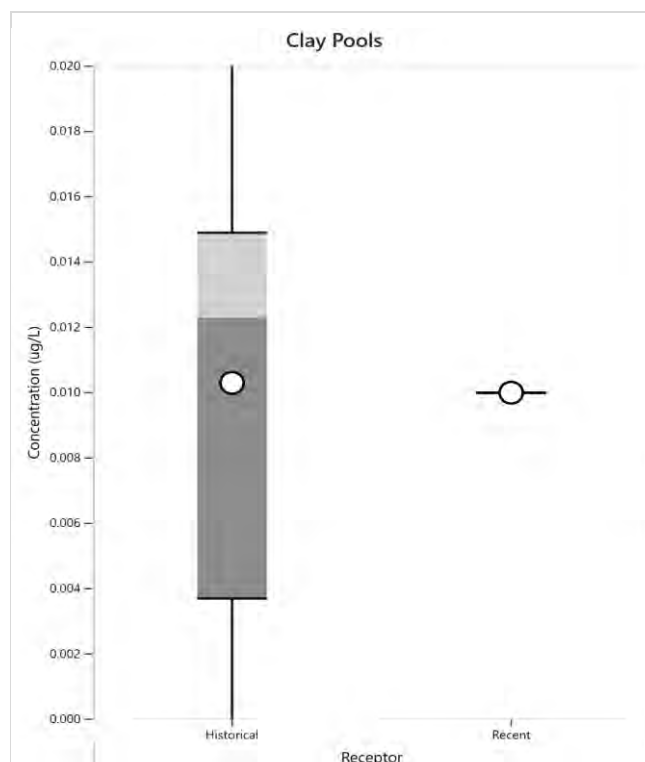


Plate E.9 Clay Pools – groundwater

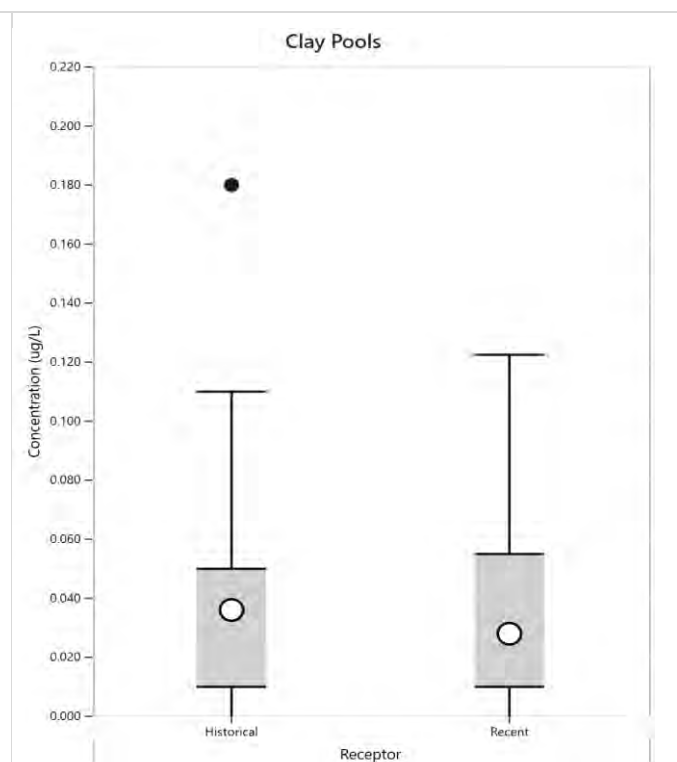
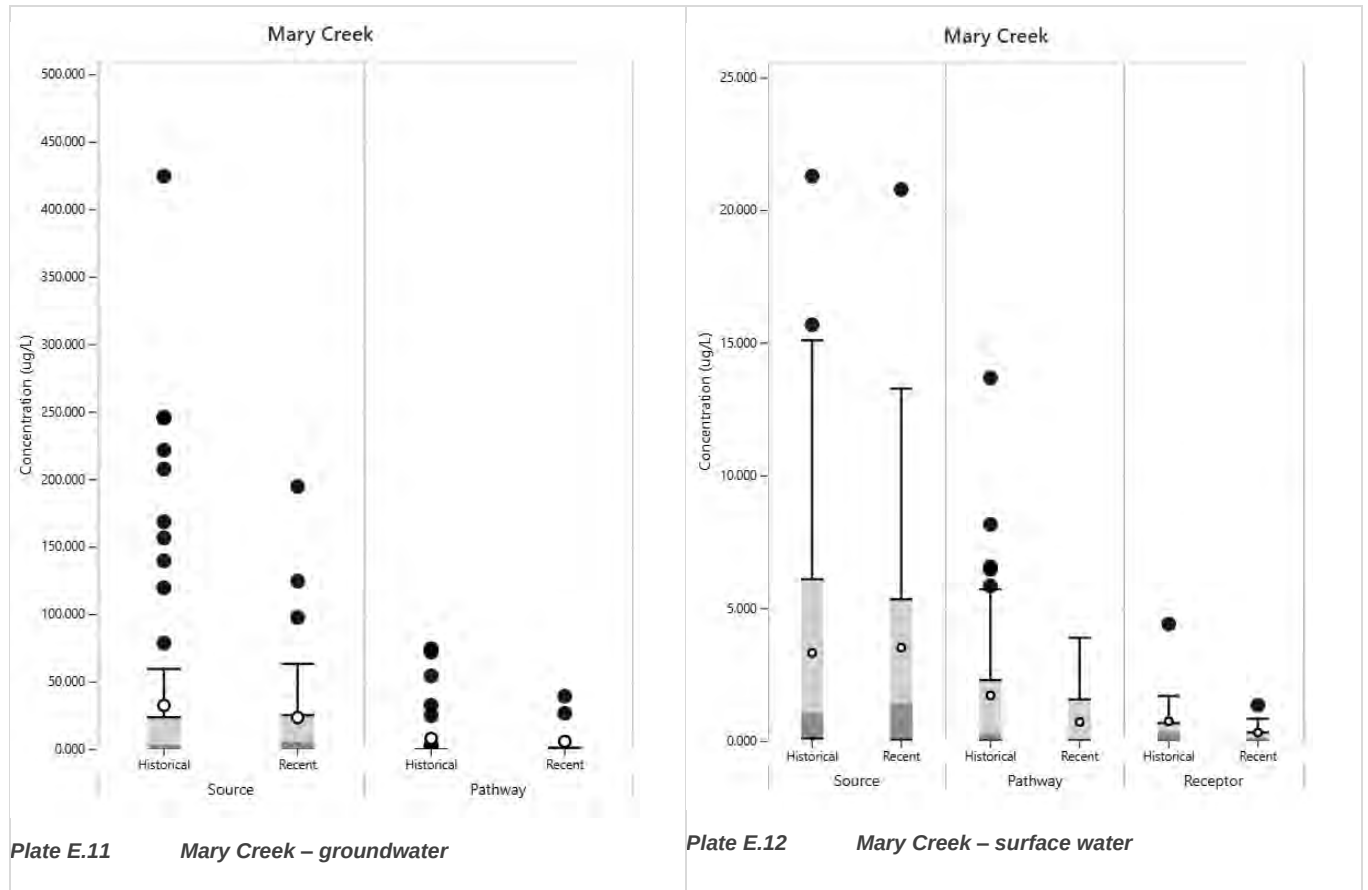
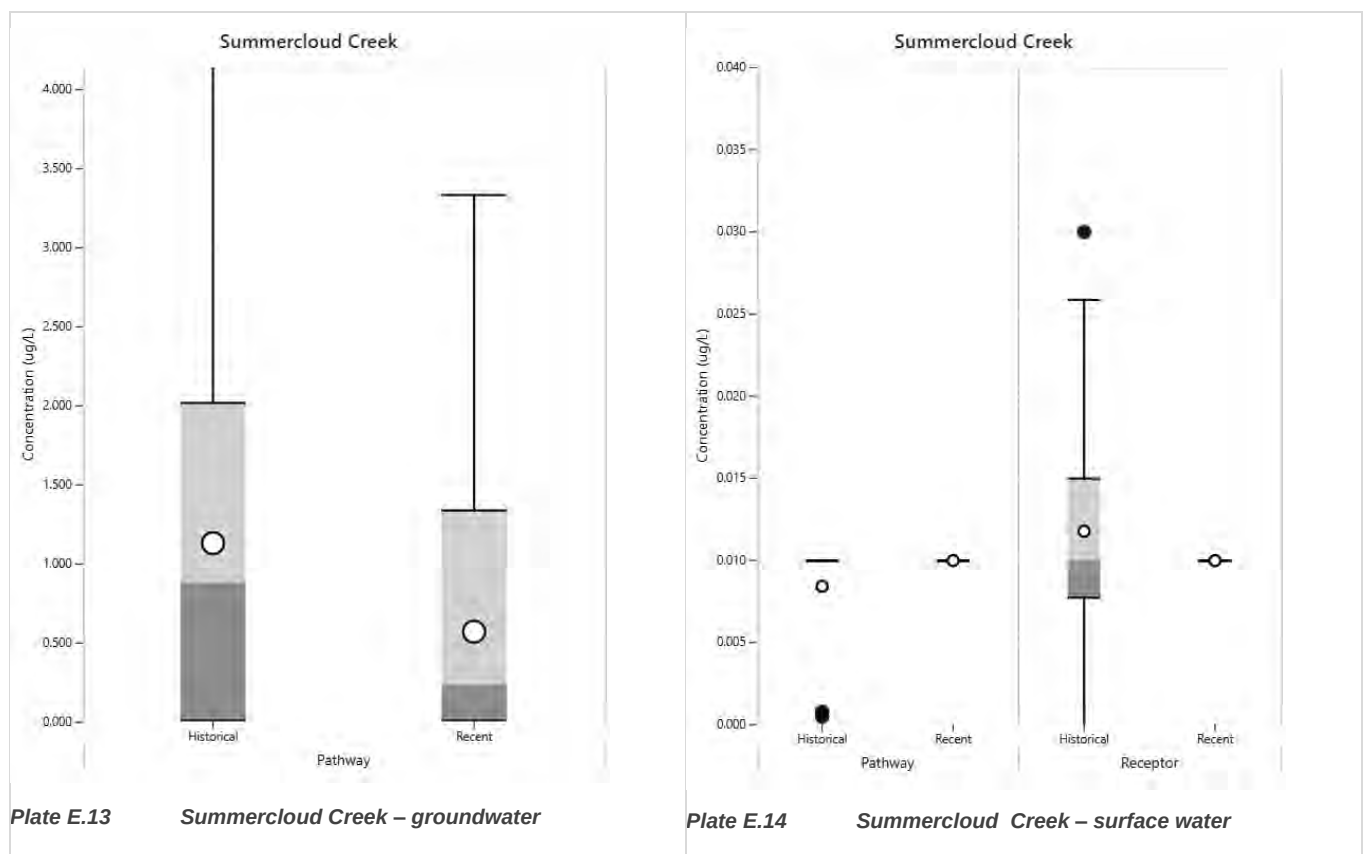


Plate E.10 Clay Pools – surface water

Mary Creek



Summercloud Creek



Telegraph Creek

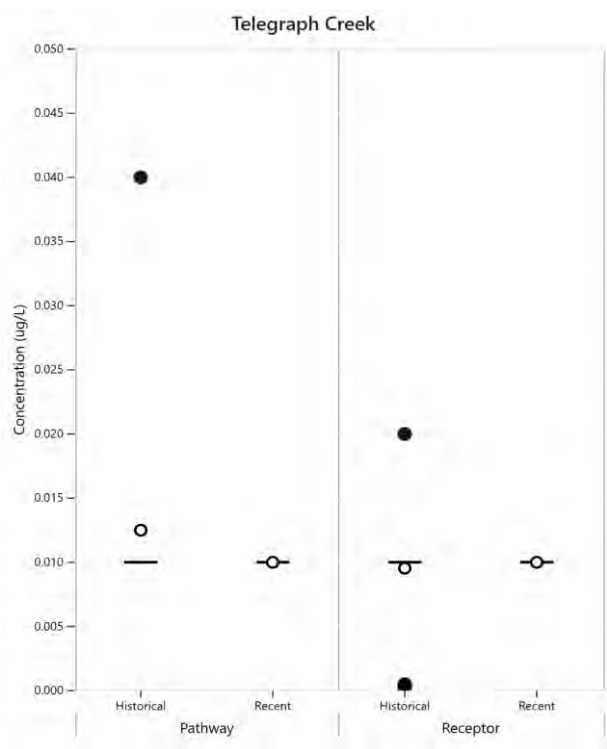


Plate E.15 Telegraph Creek – surface water

Infrastructure tanks

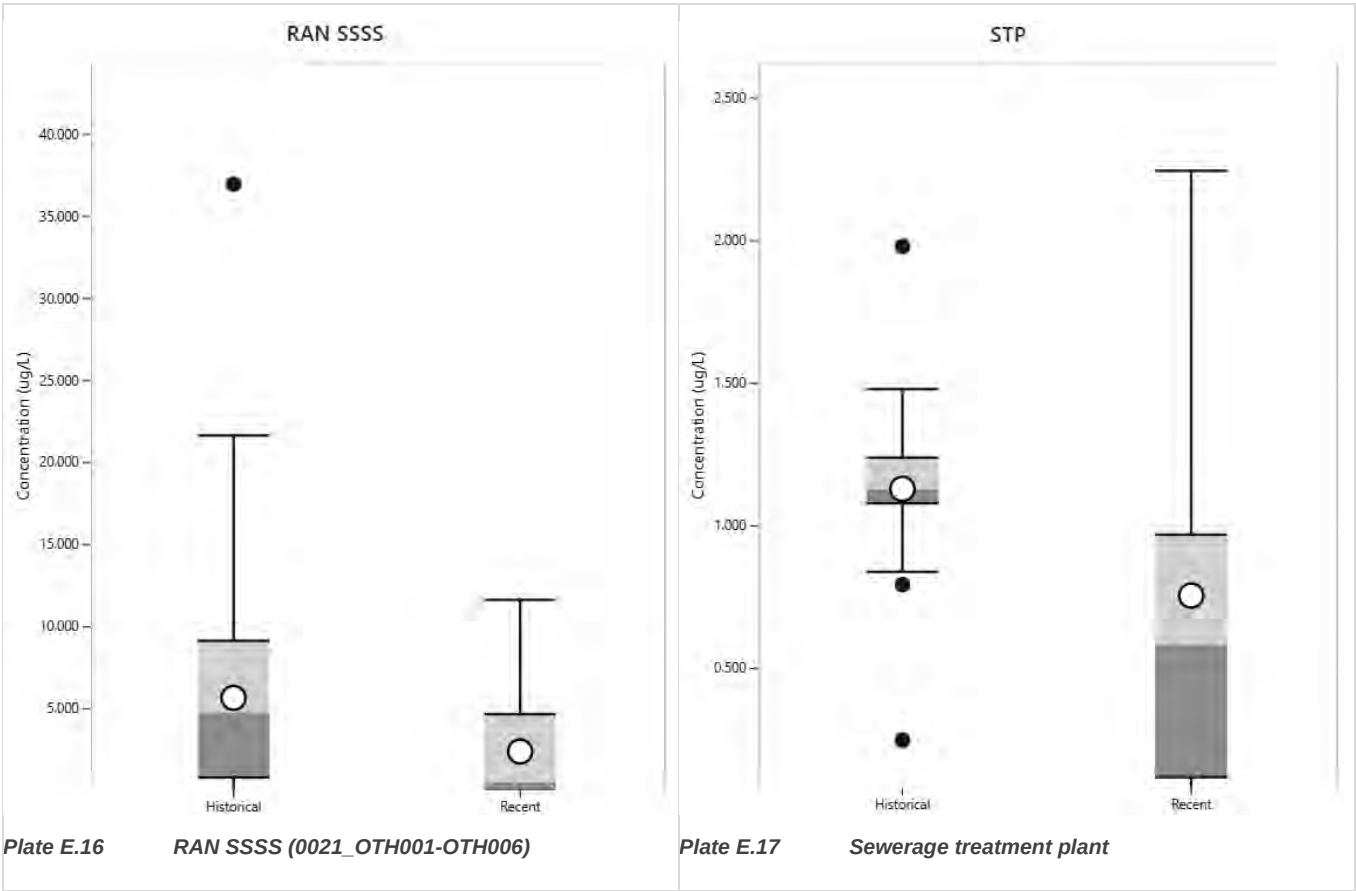


Plate E.16 RAN SSSS (0021_OTH001-OTH006)

Plate E.17 Sewerage treatment plant

Appendix F

**Trend and performance measure
assessment (waters)**

PFOS+PFHxS

Appendix F1

Location Details			Data profile															Trend assessment			
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity		Trend line direction
																			Is the trend 'real'?	Comments	(visual assessment)
0020_MW001	Pathway	Flatrock Creek	4	0.808	N	N	N	N	0.0835	0.01	0.035	0.031	2017-05-08	2022-10-10	2023-01-31	2017-05-08	Proceed to assessment	Yes	Yes	>3 sample points	Down
0020_MW007	Pathway	Flatrock Creek	8	0.049	N	N	N	N	0.65	0.06	0.252	0.2055	2023-04-17	2021-10-15	2024-04-08	2018-04-11	Proceed to assessment	No			
0020_MW008	Pathway	Flatrock Creek	2	1.	Y	N	N	Y	0.01	0.01	0.01	0.	2022-04-12	2022-04-12	2022-10-10	2022-10-10	Proceed to assessment	Yes	No	Insufficient data points	-
0020_MW012	Pathway	Captains Lagoon	4	0.04	N	N	N	N	8.61	5.12	7.85	1.2981	2024-04-08	2023-10-16	2024-10-21	2023-04-17	Proceed to assessment	No			
0020_MW012A	Pathway	Captains Lagoon	6	0.043	N	Y	N	N	6.97	4.09	5.265	0.9481	2023-01-30	2022-04-04	2023-01-30	2018-04-10	Proceed to assessment	No			
0020_MW017	Pathway	Flatrock Creek	9	0.031	N	N	N	N	1.83	0.86	1.35	0.3022	2023-04-17	2023-10-16	2024-10-21	2017-05-01	Proceed to assessment	No			
0020_MW037	Source	Flatrock Creek	8	0.592	N	N	N	N	15.4	0.25	12.8	4.2206	2022-10-10	2017-05-01	2024-10-22	2017-05-01	No detailed assessment of location required	-			
0020_MW052	Source	Captains Lagoon	1	0.	Y	Y	Y	N	0.13	0.13	0.13	NaN	2021-12-21	2021-12-21	2021-12-21	2021-12-21	No detailed assessment of location required	-			
0020_MW055	Pathway	Captains Lagoon	3	0.975	N	N	Y	N	0.4	0.15	0.21	0.1305	2022-04-12	2023-01-31	2023-01-31	2022-04-12	Proceed to assessment	Yes	Yes	3 sample points	Down
0020_MW056	Pathway	Captains Lagoon	4	0.51	N	N	Y	N	1.4	0.29	0.74	0.5764	2022-10-10	2024-10-21	2024-10-21	2022-04-12	Proceed to assessment	No			
0020_MW057	Pathway	Captains Lagoon	4	0.625	N	N	Y	N	1.68	1.09	1.34	0.3016	2022-04-12	2024-10-21	2024-10-21	2022-04-12	Proceed to assessment	No			
0020_MW058	Pathway	Captains Lagoon	4	0.361	N	N	N	N	9.5	4.85	6.565	1.816	2022-04-12	2022-10-10	2024-10-21	2022-04-12	Proceed to assessment	No			
0020_MW059	Pathway	Captains Lagoon	4	0.476	N	N	N	N	1.94	0.61	1.275	0.6769	2023-01-30	2022-04-12	2024-10-21	2022-04-12	Proceed to assessment	No			
0020_MW068	Pathway	Flatrock Creek	3	0.551	N	N	Y	N	0.19	0.08	0.1	0.0586	2022-10-10	2024-10-21	2024-10-21	2022-10-10	Proceed to assessment	No			
0020_MW102D	Pathway	Captains Lagoon	9	0.282	N	N	N	N	1.59	0.001	0.33	0.4419	2024-04-08	2018-04-10	2024-10-22	2018-04-10	Proceed to assessment	No			
0020_MW102S	Pathway	Captains Lagoon	1	0.	Y	Y	Y	N	0.25	0.25	0.25	NaN	2024-10-22	2024-10-22	2024-10-22	2024-10-22	Proceed to assessment	No			
0020_MW104	Pathway	Captains Lagoon	2	1.	N	Y	N	N	0.01	0.0062	0.0081	0.0027	2024-10-22	2018-04-10	2024-10-22	2018-04-10	Proceed to assessment	Yes	No	Insufficient data points	-
0020_MW105	Pathway	Captains Lagoon	7	0.815	N	N	N	N	0.01	0.0003	0.01	0.0037	2021-10-15	2018-04-10	2024-04-08	2022-10-10	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0020_MW108	Pathway	Flatrock Creek	4	0.964	N	N	N	N	1.66	0.236	1.55	0.6786	2022-04-13	2017-05-01	2023-01-31	2017-05-01	Proceed to assessment	Yes	Yes	>3 sample points	Up
0020_MW109	Pathway	Flatrock Creek	10	0.136	N	N	N	N	5.76	0.374	1.085	1.5164	2018-05-03	2017-05-01	2024-10-21	2017-05-01	Proceed to assessment	No			
0020_MW110	Pathway	Flatrock Creek	9	0.727	N	N	N	N	6.8	1.15	5.99	1.7444	2022-04-04	2017-05-01	2024-10-21	2017-05-01	Proceed to assessment	Yes	Yes	>3 sample points	Up
0020_MW111	Pathway	Flatrock Creek	7	0.055	N	N	N	N	16.	1.89	3.45	6.2649	2021-10-18	2022-04-08	2024-10-22	2017-05-01	Proceed to assessment	No			
0020_MW112	Source	Flatrock Creek	8	0.596	N	N	N	N	1.56	0.246	0.945	0.3944	2023-04-17	2017-05-01	2024-10-21	2017-05-01	No detailed assessment of location required	-			
0020_MW115	Source	Flatrock Creek	8	0.078	N	N	N	N	47.1	3.34	19.	13.8863	2022-10-10	2024-04-08	2024-10-22	2020-08-11	No detailed assessment of location required	-			
0020_SW004	Receptor	Captains Lagoon	11	0.252	N	N	N	N	1.01	0.02	0.37	0.2941	2023-01-30	2022-10-11	2024-10-25	2017-04-18	Proceed to assessment	No			
0020_SW005	Receptor	Captains Lagoon	9	0.072	N	N	Y	N	2.94	0.27	0.64	0.8959	2023-04-17	2024-10-25	2024-10-25	2017-04-18	Proceed to assessment	No			
0020_SW010	Receptor	Captains Lagoon	12	0.001	N	N	N	N	1.28	0.14	0.305	0.2999	2023-10-16	2023-04-17	2024-10-25	2017-04-18	Proceed to assessment	No			
0020_SW011	Pathway	Captains Lagoon	12	0.142	N	N	N	N	0.7	0.17	0.3455	0.1792	2021-10-21	2023-10-16	2024-10-23	2017-04-18	Proceed to assessment	No			
0020_SW012	Receptor	Captains Lagoon	9	0.122	N	N	N	N	0.41	0.001	0.01	0.134	2024-04-08	2018-05-15	2024-10-25	2018-03-26	Proceed to assessment	No			
0020_SW016	Source	Flatrock Creek	8	0.145	N	N	N	N	1.12	0.191	0.935	0.3479	2024-04-08	2017-10-26	2024-10-21	2017-10-26	No detailed assessment of location required	-			
0020_SW018	Source	Flatrock Creek	8	0.006	N	N	Y	N	0.87	0.55	0.743	0.1006	2023-04-17	2024-10-21	2024-10-21	2017-04-10	No detailed assessment of location required	-			
0020_SW022	Pathway	Flatrock Creek	9	0.599	N	N	Y	N	8.04	2.91	3.95	1.5834	2017-04-10	2024-04-08	2024-04-08	2017-04-10	Proceed to assessment	No			
0020_SW023	Pathway	Flatrock Creek	8	0.003	N	N	N	N	2.19	0.35	0.958	0.7001	2022-07-08	2021-10-19	2024-04-08	2017-04-10	Proceed to assessment	No			
0020_SW026	Receptor	Flatrock Creek	11	0.066	N	N	N	N	0.188	0.01	0.09	0.0608	2017-04-19	2023-10-16	2024-10-25	2017-04-19	Proceed to assessment	No			
0020_SW027	Receptor	Flatrock Creek	11	0.005	N	N	N	N	0.27	0.01	0.11	0.0739	2023-04-17	2023-10-16	2024-10-25	2017-04-19	Proceed to assessment	No			
0020_SW029	Receptor	Flatrock Creek	9	0.54	N	N	Y	N	0.148	0.04	0.1	0.0361	2017-04-19	2024-10-21	2024-10-21	2017-04-19	Proceed to assessment	No			
0020_SW030	Pathway	Flatrock Creek	12	0.07	N	N	Y	N	0.26	0.07	0.13	0.0582	2018-04-30	2024-10-26	2024-10-26	2017-04-20	Proceed to assessment	No			
0020_SW032	Pathway	Flatrock Creek	7	0.012	N	N	N	N	0.54	0.01	0.09	0.1891	2023-10-16	2022-04-04	2024-04-08	2018-03-21	Proceed to assessment	No			
0020_SW033	Receptor	Flatrock Creek	9	0.001	N	N	N	N	0.08	0.0097	0.01	0.0233	2023-04-17	2018-04-06	2024-10-25	2018-04-06	Proceed to assessment	No			

Location Details			Data profile															Trend assessment			
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity		Trend line direction
																			Is the trend 'real'?	Comments	(visual assessment)
0020_SW035	Tank	STP	5	0.015	N	N	Y	N	2.18	0.12	1.24	0.8487	2024-04-08	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No			
0020_SW036	Tank	STP	8	0.357	N	N	Y	N	1.25	0.1	1.095	0.4528	2017-04-12	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No			
0020_SW037	Tank	STP	7	0.287	N	N	Y	N	1.35	0.29	1.1	0.3378	2022-04-04	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No			
0020_SW054	Pathway	Flatrock Creek	5	0.635	N	Y	N	N	1.15	0.48	0.78	0.2547	2024-10-21	2022-07-07	2024-10-21	2022-04-12	Proceed to assessment	No			
0020_SW057	Pathway	Captains Lagoon	5	0.606	N	Y	N	N	1.24	0.32	0.79	0.3371	2024-10-21	2022-07-07	2024-10-21	2022-04-12	Proceed to assessment	No			
0021_MW018	Pathway	Captains Lagoon	2	1.	N	N	Y	N	0.214	0.15	0.182	0.0453	2017-05-04	2024-10-22	2024-10-22	2017-05-04	Proceed to assessment	Yes	No	Insufficient data points	-
0021_MW020	Receptor	Clay Pools	4	0.064	N	N	N	N	0.0149	0.0037	0.0112	0.0048	2019-05-29	2017-05-01	2024-10-23	2017-05-01	Proceed to assessment	No			
0021_MW021	Pathway	Mary Creek Summercloud Creek	2	1.	N	Y	N	N	0.07	0.0016	0.0358	0.0484	2024-10-25	2017-05-01	2024-10-25	2017-05-01	Proceed to assessment	Yes	No	Insufficient data points	-
0021_MW022	Pathway		9	0.133	N	N	Y	N	3.45	1.3	1.76	0.6858	2023-04-17	2024-10-24	2024-10-24	2017-05-04	Proceed to assessment	No			
0021_MW024	Source	Mary Creek	8	0.814	N	N	N	Y	0.01	0.0093	0.01	0.0002	2021-10-20	2017-05-04	2024-10-24	2017-05-04	No detailed assessment of location required	-			
0021_MW025	Source	Flatrock Creek	10	0.079	N	N	N	N	0.03	0.0029	0.01	0.0083	2021-10-20	2019-05-29	2024-10-22	2017-04-27	No detailed assessment of location required	-			
0021_MW026	Source	Flatrock Creek	10	0.004	N	N	N	N	0.02	0.005	0.01	0.0042	2022-04-06	2019-05-29	2024-10-22	2017-04-28	No detailed assessment of location required	-			
0021_MW028	Source	Captains Lagoon	8	0.129	N	N	N	N	1.86	0.0041	0.45	0.5555	2023-04-21	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-			
0021_MW030	Source	Captains Lagoon	8	0.815	N	N	N	Y	0.01	0.0033	0.01	0.0024	2021-10-21	2017-05-03	2024-10-24	2017-05-03	No detailed assessment of location required	-			
0021_MW060	Pathway	Mary Creek	3	0.027	N	N	N	N	0.11	0.03	0.09	0.0416	2021-06-23	2021-11-22	2024-10-25	2021-06-23	Proceed to assessment	No			
0021_MW061	Source	Mary Creek	4	0.953	N	N	Y	N	8.87	6.59	7.64	1.0768	2021-06-21	2024-10-24	2024-10-24	2021-06-21	No detailed assessment of location required	-			
0021_MW062	Source	Captains Lagoon	4	0.992	N	N	Y	N	492.	56.3	84.65	209.0675	2021-06-21	2024-10-25	2024-10-25	2021-06-21	No detailed assessment of location required	-			
0021_MW063	Source	Mary Creek	3	0.986	N	Y	N	N	2.59	0.2	1.83	0.522	2024-10-25	2021-06-22	2024-10-25	2021-06-22	No detailed assessment of location required	-			
0021_MW064	Source	Mary Creek	4	0.457	N	N	Y	N	22.	0.71	9.47	11.09	2021-06-23	2024-10-25	2024-10-25	2021-06-22	No detailed assessment of location required	-			
0021_MW065	Source	Mary Creek	3	0.424	N	N	Y	N	9.01	0.33	1.01	4.8271	2021-06-22	2024-10-24	2024-10-24	2021-06-22	No detailed assessment of location required	-			
0021_MW070	Pathway	Mary Creek	4	0.741	N	N	Y	N	74.8	39.7	63.6	16.4439	2021-11-23	2024-10-25	2024-10-25	2021-06-23	Proceed to assessment	Yes	Yes	3 sample points	Down
0021_MW071	Pathway	Mary Creek	3	0.847	N	N	Y	N	3.31	0.59	2.52	1.3992	2021-11-23	2024-10-25	2024-10-25	2021-06-23	Proceed to assessment	Yes	Yes	3 sample points	Down
0021_MW072	Pathway	Mary Creek	3	0.032	N	N	N	N	32.9	25.3	27.1	3.9716	2021-11-23	2021-06-23	2024-10-25	2021-06-23	Proceed to assessment	No			
0021_MW101	Source	Mary Creek	9	0.008	N	N	N	N	0.59	0.17	0.34	0.1206	2023-04-20	2023-10-19	2024-10-24	2017-04-28	No detailed assessment of location required	-			
0021_MW102	Source	Captains Lagoon	8	0.054	N	N	N	N	19.2	6.3	11.65	4.4006	2022-04-05	2017-05-01	2024-10-24	2017-05-01	No detailed assessment of location required	-			
0021_MW103	Source	Mary Creek	12	0.242	N	N	N	N	169.	16.4	34.4	41.2193	2018-05-02	2021-10-19	2024-10-25	2017-04-28	No detailed assessment of location required	-			
0021_MW104	Source	Mary Creek	11	0.673	N	N	N	N	0.972	0.15	0.2	0.2348	2017-04-28	2023-10-18	2024-10-25	2017-04-28	No detailed assessment of location required	-			
0021_MW105	Source	Mary Creek	8	0.088	N	N	N	N	36.8	12.3	24.55	8.0615	2022-10-13	2023-10-19	2024-10-22	2017-04-28	No detailed assessment of location required	-			
0021_MW106	Source	Mary Creek	10	0.084	N	N	N	N	425.	82.9	201.5	92.7111	2023-04-20	2024-04-10	2024-10-24	2017-04-27	No detailed assessment of location required	-			
0021_MW107	Source	Mary Creek	10	0.429	N	N	N	N	8.21	2.68	6.415	1.5198	2021-10-19	2017-05-08	2024-10-24	2017-05-08	No detailed assessment of location required	-			
0021_MW108	Pathway	Captains Lagoon	8	0.056	N	N	Y	N	12.8	4.35	8.465	2.86	2023-04-20	2024-10-28	2024-10-28	2017-05-08	Proceed to assessment	No			
0021_MW109	Source	Captains Lagoon	8	0.244	N	N	N	N	3.49	0.392	2.18	0.8954	2021-10-19	2017-05-08	2024-10-24	2017-05-08	No detailed assessment of location required	-			
0021_MW110	Source	Mary Creek	10	0.008	N	N	N	N	1.24	0.0648	0.195	0.3426	2022-04-07	2017-04-28	2024-10-25	2017-04-28	No detailed assessment of location required	-			
0021_MW111	Source	Mary Creek	10	0.635	N	N	Y	N	0.15	0.03	0.065	0.0393	2021-06-22	2024-10-25	2024-10-25	2017-04-28	No detailed assessment of location required	-			
0021_MW112	Pathway	Mary Creek	10	0.718	N	N	N	N	0.0248	0.01	0.01	0.0047	2017-04-28	2021-06-24	2024-10-24	2017-04-28	Proceed to assessment	Yes	No	>3 samples, first sample was a detection, but all subsequent results <LOR	-
0021_MW113	Pathway	Mary Creek	11	0.	N	N	N	N	0.11	0.01	0.03	0.0399	2022-10-13	2018-05-02	2024-10-24	2017-04-28	Proceed to assessment	No			
0021_MW114	Receptor	Bherwerre Barrier	11	0.513	N	N	N	Y	0.01	0.0003	0.01	0.0045	2018-05-15	2018-04-12	2024-10-26	2019-02-12	Proceed to assessment	No			
0021_MW115	Receptor	Bherwerre Barrier	7	0.415	N	N	N	Y	0.01	0.0003	0.01	0.0049	2018-05-16	2019-02-12	2024-04-11	2018-04-12	Proceed to assessment	No			
0021_MW117	Source	Flatrock Creek	7	0.045	N	N	N	N	0.49	0.145	0.31	0.1298	2021-10-20	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-			

Location Details			Data profile															Trend assessment			
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity		Trend line direction
																			Is the trend 'real'?	Comments	(visual assessment)
0021_MW118	Source	Flatrock Creek	8	0.124	N	N	N	N	3.23	0.0445	1.63	1.0037	2023-04-21	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-			
0021_MW119	Source	Captains Lagoon	9	0.238	N	N	N	N	0.02	0.0006	0.01	0.0049	2021-10-20	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-			
0021_MW120	Source	Captains Lagoon	7	0.272	N	N	N	N	4.43	0.23	1.32	1.4809	2023-10-19	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-			
0021_MW121	Source	Captains Lagoon	8	0.012	N	N	N	N	0.34	0.04	0.149	0.1142	2022-10-14	2021-10-22	2024-10-24	2017-05-03	No detailed assessment of location required	-			
0021_MW123	Source	Captains Lagoon	8	0.245	N	N	N	N	3.03	0.82	2.045	0.6192	2017-05-08	2022-04-06	2024-10-22	2017-05-08	No detailed assessment of location required	-			
0021_MW124	Pathway	Captains Lagoon	10	0.355	N	N	Y	N	0.971	0.18	0.725	0.1801	2017-05-04	2024-10-22	2024-10-22	2017-05-04	Proceed to assessment	No			
0021_MW125	Pathway	Flatrock Creek	12	0	N	N	N	N	0.23	0.01	0.11	0.0558	2023-02-02	2018-05-03	2024-10-26	2017-05-04	Proceed to assessment	No			
0021_MW126	Pathway	Flatrock Creek	9	0.814	N	N	N	Y	0.01	0.0041	0.01	0.002	2021-10-20	2017-05-04	2024-10-26	2017-05-04	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_MW127	Source	Captains Lagoon	5	0.408	N	N	N	N	0.73	0.51	0.6	0.0786	2022-04-11	2017-05-04	2024-10-24	2017-05-04	No detailed assessment of location required	-			
0021_MW128	Pathway	Flatrock Creek	13	0.155	N	N	N	N	1.81	0.01	0.04	0.4895	2018-05-03	2019-05-29	2024-10-23	2017-05-04	Proceed to assessment	No			
0021_MW129	Pathway	Lakes	11	0.101	N	N	N	Y	0.01	0.0002	0.0006	0.0037	2018-05-03	2021-10-22	2024-10-26	2018-04-13	Proceed to assessment	No			
0021_MW130	Pathway	Lakes	11	0.213	N	N	N	Y	0.01	0.0002	0.0003	0.0039	2018-05-15	2022-04-06	2024-10-26	2018-04-12	Proceed to assessment	No			
0021_MW131	Pathway	Summercloud Creek	5	0.901	N	Y	N	N	0.29	0.0332	0.18	0.1069	2024-10-23	2018-04-11	2024-10-23	2018-04-11	Proceed to assessment	Yes	Yes	>3 sample points	Up
0021_MW132	Pathway	Summercloud Creek	6	0.909	N	N	N	Y	0.01	0.0003	0.01	0.004	2022-10-12	2018-04-11	2024-10-23		Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_MW133	Pathway	Mary Creek	7	0.399	N	N	N	Y	0.01	0.0003	0.01	0.0037	2018-05-02	2018-04-11	2024-10-23		Proceed to assessment	No			
0021_MW134	Pathway	Captains Lagoon	5	0.884	N	N	N	Y	0.01	0.0004	0.01	0.0043	2022-04-11	2017-05-04	2024-10-24	2017-05-04	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_MW135	Pathway	Lakes	8	0.066	N	N	N	N	0.0056	0.0002	0.0003	0.0019	2024-04-09	2021-10-21	2024-10-26	2019-05-30	Proceed to assessment	No			
0021_MW136	Pathway	Lakes	8	0.002	N	N	N	N	0.0015	0.0002	0.0003	0.0004	2022-10-10	2021-10-21	2024-10-26	2022-04-06	Proceed to assessment	No			
0021_MW137	Pathway	Lakes	8	0.431	N	N	N	Y	0.01	0.0002	0.0003	0.0034	2019-05-30	2022-04-06	2024-10-26	2021-10-21	Proceed to assessment	No			
0021_MW138	Pathway	Lakes	8	0.029	N	N	N	Y	0.01	0.0002	0.0005	0.0044	2021-10-21	2023-04-18	2024-10-26	2022-04-05	Proceed to assessment	No			
0021_MW139	Pathway	Lakes	8	0.051	N	N	N	Y	0.01	0.0002	0.0003	0.0034	2021-10-21	2022-04-05	2024-10-26	2023-04-18	Proceed to assessment	No			
0021_MW140	Pathway	Lakes	8	0.05	Y	N	N	Y	0.01	0.0002	0.0002	0.0034	2021-10-21	2022-04-05	2024-10-26	2024-10-26	Proceed to assessment	No			
0021_MW150	Source	Mary Creek	2	1	N	Y	N	N	24.7	14.1	21.85	4.0305	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-			
0021_MW151	Source	Mary Creek	2	1	N	N	Y	N	17.7	15.2	16.45	1.7678	2020-08-13	2024-10-25	2024-10-25	2020-08-13	No detailed assessment of location required	-			
0021_MW152	Source	Mary Creek	2	1	N	N	Y	N	44.1	35.2	39.65	6.2933	2020-08-13	2024-10-25	2024-10-25	2020-08-13	No detailed assessment of location required	-			
0021_MW153	Source	Mary Creek	2	1	N	N	Y	N	31	18.7	24.85	8.6974	2020-08-12	2024-10-25	2024-10-25	2020-08-12	No detailed assessment of location required	-			
0021_MW154	Source	Mary Creek	2	1	N	N	Y	N	56.8	49.3	53.05	5.3033	2020-08-13	2024-10-25	2024-10-25	2020-08-13	No detailed assessment of location required	-			
0021_MW155	Source	Mary Creek	2	1	N	Y	N	N	125	79	102	32.5269	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-			
0021_MW160	Pathway	Flatrock Creek	2	1	N	N	N	Y	0.01	0.01	0.01	0	2021-12-21	2021-12-21	2024-10-23		Proceed to assessment	Yes	No	Insufficient data points	-
0021_MW163	Pathway	Flatrock Creek	4	0.592	N	Y	N	N	1.77	0.49	0.915	0.5537	2024-10-23	2022-10-11	2024-10-23	2022-04-11	Proceed to assessment	No			
0021_MW164	Pathway	Flatrock Creek	4	0.897	N	N	Y	N	11.3	2.9	7.465	3.6145	2022-04-11	2024-10-22	2024-10-22	2022-04-11	Proceed to assessment	Yes	Yes	>3 sample points	Down
0021_OTH001	Tank	RAN SSSS	8	0.61	N	N	N	N	9.57	0.01	2.175	3.9773	2022-04-05	2024-04-11	2024-10-25	2017-10-13	Proceed to assessment	No			
0021_OTH002	Tank	RAN SSSS	8	0.66	N	N	N	N	1.99	0.85	1.04	0.3936	2017-10-13	2023-10-19	2024-10-25	2017-10-13	Proceed to assessment	No			
0021_OTH003	Tank	RAN SSSS	8	0.005	N	N	N	N	16.5	5.51	7.27	3.6508	2023-04-20	2022-10-13	2024-10-25	2017-11-16	Proceed to assessment	No			
0021_OTH004	Tank	RAN SSSS	8	0.609	N	N	N	N	12.1	0.01	5.535	3.6458	2017-10-13	2023-04-20	2024-10-25	2017-10-13	Proceed to assessment	No			
0021_OTH005	Tank	RAN SSSS	9	0.788	N	N	Y	N	37	0.14	5.72	11.7892	2017-06-28	2024-10-25	2024-10-25	2017-06-28	Proceed to assessment	Yes	Yes	>3 sample points	Down
0021_OTH006	Tank	RAN SSSS	8	0.107	N	N	N	N	0.62	0.01	0.025	0.2118	2022-04-05	2023-10-19	2024-10-25	2017-10-13	Proceed to assessment	No			
0021_SW001	Source	Captains Lagoon	12	0.034	N	N	N	N	23.6	1.56	6.295	6.3732	2021-10-19	2023-08-07	2024-04-10	2017-04-20	No detailed assessment of location required	-			

Location Details			Data profile															Trend assessment			
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity		Trend line direction
																			Is the trend 'real'?	Comments	(visual assessment)
0021_SW002	Source	Mary Creek	7	0.645	N	N	N	N	12.	1.87	4.68	4.0014	2017-04-20	2023-04-20	2024-04-11	2017-04-20	No detailed assessment of location required	-			
0021_SW003	Source	Mary Creek	6	0.	N	N	N	N	0.16	0.07	0.083	0.0334	2021-10-19	2022-04-05	2024-04-11	2017-04-20	No detailed assessment of location required	-			
0021_SW004	Source	Mary Creek	6	0.878	N	N	N	N	0.0422	0.01	0.01	0.0131	2017-04-13	2021-10-26	2024-04-12	2017-04-13	No detailed assessment of location required	-			
0021_SW005	Source	Mary Creek	6	0.124	N	N	N	N	0.12	0.0684	0.095	0.0229	2021-10-20	2017-04-13	2024-04-12	2017-04-13	No detailed assessment of location required	-			
0021_SW006	Source	Mary Creek	6	0.011	N	N	N	N	0.06	0.01	0.0239	0.0226	2023-04-21	2021-10-20	2024-04-12	2017-04-13	No detailed assessment of location required	-			
0021_SW010	Pathway	Mary Creek	15	0.056	N	N	N	N	13.7	0.01	1.34	3.9912	2023-12-12	2022-04-07	2024-04-10	2017-04-12	Proceed to assessment	No			
0021_SW011	Source	Mary Creek	6	0.122	N	N	N	N	0.28	0.01	0.12	0.1286	2022-10-12	2022-04-07	2024-04-10	2017-04-11	No detailed assessment of location required	-			
0021_SW013	Pathway	Captains Lagoon	9	0.678	N	N	N	N	1.44	0.29	0.72	0.4023	2017-04-18	2024-04-10	2024-10-22	2017-04-18	Proceed to assessment	No			
0021_SW016	Source	Mary Creek	4	0.738	N	N	N	N	0.292	0.08	0.17	0.087	2017-04-13	2022-04-06	2022-10-14	2017-04-13	No detailed assessment of location required	-			
0021_SW017	Source	Mary Creek	3	0.266	N	Y	N	N	6.49	1.07	1.6	2.9455	2022-10-14	2022-04-06	2022-10-14	2017-04-13	No detailed assessment of location required	-			
0021_SW018	Pathway	Mary Creek	6	0.36	N	N	N	N	0.282	0.01	0.145	0.1091	2017-04-13	2023-04-21	2023-10-19	2017-04-13	Proceed to assessment	No			
0021_SW019	Pathway	Captains Lagoon	8	0.387	N	N	N	N	9.5	0.9	4.54	2.7842	2017-04-20	2021-10-19	2024-04-11	2017-04-20	Proceed to assessment	No			
0021_SW020	Pathway	Flatrock Creek	9	0.038	N	N	N	N	1.28	0.05	0.665	0.3885	2023-04-21	2022-04-06	2024-10-22	2017-04-13	Proceed to assessment	No			
0021_SW021	Pathway	Captains Lagoon	6	0.005	N	N	N	N	2.68	0.2	1.47	0.8038	2021-10-20	2022-04-06	2024-04-12	2017-04-13	Proceed to assessment	No			
0021_SW022	Pathway	Flatrock Creek	8	0.191	N	N	N	N	1.46	0.15	0.755	0.4947	2023-04-19	2022-04-07	2024-10-26	2017-04-19	Proceed to assessment	No			
0021_SW024	Pathway	Flatrock Creek	6	0.	N	N	N	N	0.12	0.02	0.0759	0.0328	2023-04-19	2022-04-07	2024-04-10	2017-04-19	Proceed to assessment	No			
0021_SW025	Pathway	Flatrock Creek	6	0.604	N	N	N	N	0.22	0.081	0.185	0.0525	2021-10-26	2017-04-20	2024-04-10	2017-04-20	Proceed to assessment	No			
0021_SW027	Source	Captains Lagoon	6	0.137	N	N	N	N	0.71	0.05	0.225	0.2295	2023-04-20	2022-04-06	2024-04-10	2017-04-19	No detailed assessment of location required	-			
0021_SW032	Receptor	Lakes	12	0.173	N	N	N	N	0.02	0.0027	0.01	0.0045	2021-10-21	2019-02-12	2024-10-25	2017-07-27	Proceed to assessment	No			
0021_SW034	Receptor	Lakes	12	0.335	N	N	N	Y	0.01	0.0026	0.01	0.0027	2017-08-25	2019-02-12	2024-10-25	2017-07-27	Proceed to assessment	No			
0021_SW035	Pathway	Lakes	10	0.473	N	N	N	Y	0.01	0.0014	0.01	0.0034	2017-08-25	2017-07-27	2024-10-26	2017-07-27	Proceed to assessment	No			
0021_SW036	Receptor	Lakes	12	0.295	N	N	N	Y	0.01	0.0002	0.0006	0.0037	2017-08-25	2021-10-22	2024-10-25	2017-07-27	Proceed to assessment	No			
0021_SW037	Receptor	Lakes	12	0.182	N	N	N	Y	0.01	0.0002	0.001	0.0037	2017-08-25	2021-10-22	2024-10-25	2017-07-27	Proceed to assessment	No			
0021_SW038	Receptor	Lakes	7	0.223	N	N	N	Y	0.01	0.0002	0.0009	0.0045	2017-08-25	2021-10-22	2024-10-26	2017-07-27	Proceed to assessment	No			
0021_SW040	Receptor	Lakes	8	0.954	N	N	N	Y	0.01	0.0004	0.0062	0.0047	2023-04-18	2019-02-12	2024-10-25	2018-04-06	Proceed to assessment	Yes	No	Varying LORs used, which distorts the line of best fit	-
0021_SW043	Receptor	Mary Creek	8	0.587	N	N	N	N	4.43	0.17	0.59	1.4372	2018-05-01	2023-10-17	2024-10-23	2018-03-20	Proceed to assessment	No			
0021_SW044	Pathway	Mary Creek	8	0.274	N	N	Y	N	4.43	0.08	0.715	1.4669	2018-04-30	2024-10-28	2024-10-28	2018-03-23	Proceed to assessment	No			
0021_SW045	Pathway	Mary Creek	8	0.027	N	N	N	N	0.05	0.01	0.0126	0.0156	2024-04-09	2022-10-11	2024-10-23	2018-03-23	Proceed to assessment	No			
0021_SW048	Pathway	Mary Creek	6	0.021	N	N	N	N	0.26	0.02	0.06	0.1067	2023-04-19	2023-10-18	2024-10-25	2018-04-06	Proceed to assessment	No			
0021_SW051	Receptor	Mary Creek	3	0.029	N	N	N	N	0.35	0.0005	0.01	0.1991	2022-05-12	2018-03-28	2024-10-23	2018-03-28	Proceed to assessment	No			
0021_SW052	Receptor	Mary Creek	8	0.237	N	N	N	N	1.56	0.0019	0.23	0.5291	2018-03-28	2018-03-20	2024-10-23	2018-03-20	Proceed to assessment	No			
0021_SW053	Pathway	Mary Creek	13	0.582	N	N	N	N	6.59	0.01	1.7	1.6681	2018-04-30	2023-05-01	2024-10-23	2018-04-30	Proceed to assessment	No			
0021_SW056	Receptor	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0055	0.01	0.0018	2022-10-12	2018-03-23	2024-10-23	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_SW057	Pathway	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0007	0.01	0.0038	2022-10-12	2018-03-23	2024-10-23	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_SW058	Pathway	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0005	0.01	0.0039	2022-10-12	2018-03-23	2024-10-24	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_SW059	Pathway	Summercloud Creek	5	1.	N	N	N	Y	0.01	0.01	0.01	0.	2021-10-22	2021-10-22	2024-04-10		Proceed to assessment	Yes	No	>3 samples, all <LOR	-
0021_SW060	Receptor	Telegraph Creek	8	0.761	N	N	N	Y	0.01	0.0005	0.01	0.0034	2021-10-21	2018-03-21	2024-10-25	2018-03-21	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-

Location Details			Data profile															Trend assessment			
Location	SPR classification	Catchment	# Samples	R²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity		Trend line direction (visual assessment)
																			Is the trend 'real'?	Comments	
0021_SW062	Pathway	Telegraph Creek	7	1.	N	N	N	Y	0.01	0.01	0.01	0.	2021-10-21	2021-10-21	2024-10-23		Proceed to assessment	Yes	No	>3 samples, all <LOR	-
0021_SW064	Pathway	Telegraph Creek	7	0.759	N	N	N	N	0.04	0.01	0.01	0.0113	2018-03-20	2021-10-21	2024-10-23	2018-03-20	Proceed to assessment	Yes	No	>3 samples, first sample was a detection, but all subsequent results <LOR	-
0021_SW068	Receptor	Telegraph Creek	7	0.173	N	N	N	N	0.02	0.01	0.01	0.0038	2022-04-07	2021-10-21	2024-10-25	2022-04-07	Proceed to assessment	No			
0021_SW069	Receptor	Telegraph Creek	8	0.76	N	N	N	Y	0.01	0.0003	0.01	0.0034	2021-10-21	2018-03-26	2024-10-25		Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_SW076	Receptor	Clay Pools	8	0.93	N	N	N	Y	0.01	0.002	0.01	0.0039	2022-10-12	2019-03-18	2024-10-23	2018-03-22	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR	-
0021_SW077	Receptor	Clay Pools	7	0.837	N	N	N	Y	0.01	0.002	0.01	0.0015	2022-10-12	2019-03-18	2024-04-10	2018-03-22	Proceed to assessment	Yes	No	Varying LORs used, which distorts the line of best fit	-
0021_SW078	Receptor	Clay Pools	8	0.081	N	N	N	N	0.08	0.01	0.0176	0.0237	2023-04-19	2023-10-17	2024-10-23	2018-03-22	Proceed to assessment	No			
0021_SW079	Receptor	Clay Pools	8	0.414	N	N	N	N	0.18	0.009	0.0986	0.0516	2023-04-19	2018-03-22	2024-10-23	2018-03-22	Proceed to assessment	No			
0021_SW080	Receptor	Clay Pools	8	0.212	N	N	N	N	0.101	0.0068	0.0385	0.0315	2018-03-22	2019-03-18	2024-10-23	2018-03-22	Proceed to assessment	No			
0021_SW083	Receptor	Bherwerre Barrier	8	0.39	N	N	N	N	0.0195	0.01	0.01	0.0034	2018-03-19	2018-05-17	2024-10-25	2018-03-19	Proceed to assessment	No			
0021_SW085	Receptor	Summercloud Creek	6	0.524	N	N	N	N	0.02	0.0006	0.01	0.0061	2023-10-17	2018-03-28	2024-10-23	2018-03-28	Proceed to assessment	No			
0021_SW110	Source	Mary Creek	10	0.366	N	Y	N	N	5.1	0.124	1.12	1.6669	2024-10-24	2021-10-19	2024-10-24	2020-08-04	No detailed assessment of location required	-			
0021_SW111	Source	Captains Lagoon	4	0.852	N	N	N	N	5.13	0.01	0.185	2.5032	2020-08-10	2022-04-06	2023-04-20	2020-08-10	No detailed assessment of location required	-			
0021_SW112	Source	Mary Creek	8	0.328	N	Y	N	N	5.36	0.13	0.3	1.8004	2024-10-24	2023-10-18	2024-10-24	2020-08-04	No detailed assessment of location required	-			
0021_SW126	Pathway	Captains Lagoon	7	0.605	N	N	Y	N	6.76	1.3	2.05	1.8211	2020-08-20	2024-04-11	2024-04-11	2020-08-20	Proceed to assessment	No			
0021_SW127	Source	Mary Creek	12	0.104	N	N	N	N	15.7	0.06	6.875	4.7832	2020-08-20	2022-04-07	2024-04-10	2020-08-20	No detailed assessment of location required	-			
0021_SW130	Source	Mary Creek	10	0.081	N	Y	N	N	20.8	0.84	3.385	5.8585	2024-10-25	2023-04-20	2024-10-25	2020-06-24	No detailed assessment of location required	-			
0021_SW153	Source	Mary Creek	15	0.165	N	N	N	N	21.3	1.68	8.3	5.1133	2021-11-11	2022-04-08	2024-04-10	2021-08-31	No detailed assessment of location required	-			
0021_SW188	Receptor	Summercloud Creek	2	1.	N	N	Y	N	0.03	0.01	0.02	0.0141	2022-12-21	2024-10-24	2024-10-24	2022-12-21	Proceed to assessment	Yes	No	Insufficient data points	-
0021_SW211	Receptor	Mary Creek	1	0.	N	Y	Y	Y	0.01	0.01	0.01	NaN	2024-10-23	2024-10-23	2024-10-23		Proceed to assessment	No			
0021_SW212	Receptor	Bherwerre Barrier	1	0.	Y	Y	Y	N	0.0065	0.0065	0.0065	NaN	2024-10-25	2024-10-25	2024-10-25	2024-10-25	Proceed to assessment	No			

Applied filters:Allow View is greater than 0Location_UID is not blankFlag Multiple Chemicals is greater than 0TotalorFiltered is TChemName is Sum of PFHxS and PFOSSampledDate is before 2025-01-01Catchment is not UNKNOWNSite_ID is 0020 or 0021MatrixTypeSimplified is WATERActionLevelSource is No Criteria PFAS NEMP 2.0

PFOS+PFHxS (ug/L)															
Location Details			Performance measures for PFOS+PFHxS												
Location	SPR classification	Catchment	NEMP recreational				ADWG - Health				HH biota consumption (detection >0.01 ug/L)				Additional recommendations
			Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0020_MW001	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW007	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW008	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0020_MW012	Pathway	Captains Lagoon	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW012A	Pathway	Captains Lagoon	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW017	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW037	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0020_MW052	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0020_MW055	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW056	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW057	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW058	Pathway	Captains Lagoon	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW059	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW068	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW102D	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW102S	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW104	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0020_MW105	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW108	Pathway	Flatrock Creek	Yes	No	No	Refer to actions table	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW109	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW110	Pathway	Flatrock Creek	Yes	Yes	No	Refer to actions table	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW111	Pathway	Flatrock Creek	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_MW112	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0020_MW115	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0020_SW004	Receptor	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW005	Receptor	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW010	Receptor	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW011	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW012	Receptor	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW016	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0020_SW018	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0020_SW022	Pathway	Flatrock Creek	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW023	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW026	Receptor	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW027	Receptor	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW029	Receptor	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW030	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW032	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW033	Receptor	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	

Location Details			Performance measures for PFOS+PFHxS												
Location	SPR classification	Catchment	NEMP recreational				ADWG - Health				HH biota consumption (detection >0.01 ug/L)				Additional recommendations
			Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0020_SW035	Tank	STP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW036	Tank	STP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW037	Tank	STP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW054	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0020_SW057	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW018	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0021_MW020	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW021	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0021_MW022	Pathway	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW024	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW025	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW026	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW028	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW030	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW060	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW061	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW062	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW063	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW064	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW065	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW070	Pathway	Mary Creek	Contextual	Yes	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW071	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW072	Pathway	Mary Creek	Contextual	Yes	Yes	Refer to actions table	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW101	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW102	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW103	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW104	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW105	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW106	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW107	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW108	Pathway	Captains Lagoon	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW109	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW110	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW111	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW112	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW113	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW114	Receptor	Bherwerre Barrier	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW115	Receptor	Bherwerre Barrier	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Yes	Yes	No	Undertake further assessment	
0021_MW117	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	

Location Details			Performance measures for PFOS+PFHxS												
Location	SPR classification	Catchment	NEMP recreational				ADWG - Health				HH biota consumption (detection >0.01 ug/L)				Additional recommendations
			Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0021_MW118	Source	Flatrock Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW119	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW120	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW121	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW123	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW124	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW125	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW126	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW127	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW128	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW129	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW130	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW131	Pathway	Summercloud Creek	Yes	No	No	Refer to actions table	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW132	Pathway	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW133	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW134	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW135	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW136	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW137	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW138	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW139	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW140	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_MW150	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW151	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW152	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW153	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW154	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW155	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_MW160	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0021_MW163	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_MW164	Pathway	Flatrock Creek	Yes	Yes	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH001	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH002	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH003	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH004	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH005	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_OTH006	Tank	RAN SSSS	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW001	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	

Location Details			Performance measures for PFOS+PFHxS												
Location	SPR classification	Catchment	NEMP recreational				ADWG - Health				HH biota consumption (detection >0.01 ug/L)				Additional recommendations
			Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0021_SW002	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW003	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW004	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW005	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW006	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW010	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW011	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW013	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW016	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW017	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW018	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW019	Pathway	Captains Lagoon	Yes	Yes	No	Undertake further assessment	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW020	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW021	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW022	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW024	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW025	Pathway	Flatrock Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW027	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW032	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW034	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW035	Pathway	Lakes	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW036	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	
0021_SW037	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	
0021_SW038	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	
0021_SW040	Receptor	Lakes	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	Yes	No	No	Continue monitoring as per OMP	
0021_SW043	Receptor	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW044	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW045	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW048	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW051	Receptor	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW052	Receptor	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW053	Pathway	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW056	Receptor	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW057	Pathway	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW058	Pathway	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW059	Pathway	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW060	Receptor	Telegraph Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	

Location Details			Performance measures for PFOS+PFHxS												
Location	SPR classification	Catchment	NEMP recreational				ADWG - Health				HH biota consumption (detection >0.01 ug/L)				Additional recommendations
			Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0021_SW062	Pathway	Telegraph Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW064	Pathway	Telegraph Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW068	Receptor	Telegraph Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW069	Receptor	Telegraph Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW076	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW077	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW078	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW079	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	Yes	No	Undertake further assessment	
0021_SW080	Receptor	Clay Pools	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	Yes	Yes	No	Undertake further assessment	
0021_SW083	Receptor	Bherwerre Barrier	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	
0021_SW085	Receptor	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW110	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW111	Source	Captains Lagoon	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW112	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW126	Pathway	Captains Lagoon	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW127	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW130	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW153	Source	Mary Creek	-	-	-	-	-	-	-	-	-	-	-	-	
0021_SW188	Receptor	Summercloud Creek	Yes	No	No	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Further monitoring recommended to increase data points
0021_SW211	Receptor	Mary Creek	Contextual	No	Yes	Continue monitoring as per OMP	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	
0021_SW212	Receptor	Bherwerre Barrier	-	-	-	SPR linkage not applicable	-	-	-	SPR linkage not applicable	Yes	No	No	Continue monitoring as per OMP	

Applied filters:Allow View is greater than 0Location,

PFOS

Appendix F2

PFOS (ug/L)			Data profile															Trend assessment		
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity	
																			(Is the trend 'real?')	Comments
0020_MW001	Pathway	Flatrock Creek	4	0.888	N	N	N	N	0.0526	0.01	0.015	0.0202	2017-05-08	2022-04-12	2023-01-31	2017-05-08	Proceed to assessment	Yes	Yes	>3 sample points
0020_MW007	Pathway	Flatrock Creek	8	0.03	N	N	N	N	0.31	0.04	0.114	0.0992	2022-10-10	2023-10-16	2024-04-08	2018-04-11	Proceed to assessment	No		
0020_MW008	Pathway	Flatrock Creek	2	1.	N	N	N	Y	0.01	0.01	0.01	0.	2022-04-12	2022-04-12	2022-10-10		Proceed to assessment	Yes	No	Insufficient data points
0020_MW012	Pathway	Captains Lagoon	4	0.125	N	N	N	N	7.22	3.65	5.93	1.0548	2024-04-08	2023-10-16	2024-10-21	2023-04-17	Proceed to assessment	No		
0020_MW012A	Pathway	Captains Lagoon	6	0.142	N	Y	N	N	5.56	3.46	4.02	0.7134	2023-01-30	2022-04-04	2023-01-30	2018-04-10	Proceed to assessment	No		
0020_MW017	Pathway	Flatrock Creek	9	0.027	N	N	N	N	1.33	0.64	0.87	0.2105	2023-04-17	2023-10-16	2024-10-21	2017-05-01	Proceed to assessment	No		
0020_MW037	Source	Flatrock Creek	8	0.316	N	N	N	N	4.81	0.16	2.86	1.6755	2022-10-10	2017-05-01	2024-10-22	2017-05-01	No detailed assessment of location required	-		
0020_MW052	Source	Captains Lagoon	1	0.	Y	Y	Y	N	0.01	0.01	0.01	NaN	2021-12-21	2021-12-21	2021-12-21	2021-12-21	No detailed assessment of location required	-		
0020_MW055	Pathway	Captains Lagoon	3	0.081	N	N	N	N	0.13	0.07	0.08	0.0321	2022-10-10	2022-04-12	2023-01-31	2022-04-12	Proceed to assessment	No		
0020_MW056	Pathway	Captains Lagoon	4	0.514	N	N	Y	N	1.19	0.18	0.595	0.5261	2022-10-10	2024-10-21	2024-10-21	2022-04-12	Proceed to assessment	No		
0020_MW057	Pathway	Captains Lagoon	4	0.603	N	N	Y	N	1.43	0.87	1.075	0.2819	2022-04-12	2024-10-21	2024-10-21	2022-04-12	Proceed to assessment	No		
0020_MW058	Pathway	Captains Lagoon	4	0.563	N	N	Y	N	8.	4.4	5.5	1.5538	2022-04-12	2024-10-21	2024-10-21	2022-04-12	Proceed to assessment	No		
0020_MW059	Pathway	Captains Lagoon	4	0.661	N	Y	N	N	1.46	0.12	0.73	0.7086	2024-10-21	2022-04-12	2024-10-21	2022-04-12	Proceed to assessment	No		
0020_MW068	Pathway	Flatrock Creek	3	1.	N	N	N	Y	0.01	0.01	0.01	0.	2022-10-10	2022-10-10	2024-10-21		Proceed to assessment	Yes	No	3 sample points, all <LOR
0020_MW102D	Pathway	Captains Lagoon	9	0.22	N	N	N	N	1.16	0.0001	0.14	0.3506	2024-04-08	2018-04-10	2024-10-22	2018-04-10	Proceed to assessment	No		
0020_MW102S	Pathway	Captains Lagoon	1	0.	Y	Y	Y	N	0.09	0.09	0.09	NaN	2024-10-22	2024-10-22	2024-10-22	2024-10-22	Proceed to assessment	No		
0020_MW104	Pathway	Captains Lagoon	2	1.	N	Y	N	Y	0.01	0.0003	0.0052	0.0069	2024-10-22	2018-04-10	2024-10-22		Proceed to assessment	Yes	No	Insufficient data points
0020_MW105	Pathway	Captains Lagoon	7	0.815	N	N	N	Y	0.01	0.0003	0.01	0.0037	2021-10-15	2018-04-10	2024-04-08	2022-10-10	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0020_MW108	Pathway	Flatrock Creek	4	0.957	N	Y	N	N	1.24	0.0747	0.975	0.5112	2023-01-31	2017-05-01	2023-01-31	2017-05-01	Proceed to assessment	Yes	Yes	>3 sample points
0020_MW109	Pathway	Flatrock Creek	10	0.14	N	N	N	N	4.46	0.228	0.82	1.1974	2018-05-03	2017-05-01	2024-10-21	2017-05-01	Proceed to assessment	No		
0020_MW110	Pathway	Flatrock Creek	9	0.812	N	Y	N	N	5.9	0.292	4.27	1.7682	2024-10-21	2017-05-01	2024-10-21	2017-05-01	Proceed to assessment	Yes	Yes	>3 sample points
0020_MW111	Pathway	Flatrock Creek	7	0.061	N	N	N	N	14.4	1.22	2.73	5.8118	2024-04-08	2022-04-08	2024-10-22	2017-05-01	Proceed to assessment	No		
0020_MW112	Source	Flatrock Creek	8	0.226	N	N	N	N	0.26	0.0031	0.105	0.0857	2023-04-17	2017-05-01	2024-10-21	2017-05-01	No detailed assessment of location required	-		
0020_MW115	Source	Flatrock Creek	8	0.012	N	N	N	N	33.9	1.93	11.71	10.718	2022-10-10	2020-08-11	2024-10-22	2020-08-11	No detailed assessment of location required	-		
0020_SW004	Receptor	Captains Lagoon	11	0.134	N	N	N	N	0.89	0.02	0.24	0.2673	2023-01-30	2022-10-11	2024-10-25	2017-04-18	Proceed to assessment	No		
0020_SW005	Receptor	Captains Lagoon	9	0.083	N	N	Y	N	2.07	0.18	0.33	0.6882	2023-04-17	2024-10-25	2024-10-25	2017-04-18	Proceed to assessment	No		
0020_SW010	Receptor	Captains Lagoon	12	0.041	N	N	N	N	1.16	0.07	0.165	0.2889	2023-10-16	2023-04-17	2024-10-25	2017-04-18	Proceed to assessment	No		
0020_SW011	Pathway	Captains Lagoon	12	0.065	N	N	N	N	0.32	0.08	0.175	0.072	2021-10-21	2023-10-16	2024-10-23	2017-04-18	Proceed to assessment	No		
0020_SW012	Receptor	Captains Lagoon	9	0.133	N	N	N	N	0.27	0.0003	0.01	0.0875	2024-04-08	2018-05-15	2024-10-25	2018-03-26	Proceed to assessment	No		
0020_SW016	Source	Flatrock Creek	8	0.15	N	N	N	N	0.82	0.155	0.565	0.2345	2024-04-08	2017-10-26	2024-10-21	2017-10-26	No detailed assessment of location required	-		
0020_SW018	Source	Flatrock Creek	8	0.105	N	N	Y	N	0.6	0.35	0.455	0.0795	2023-10-16	2024-10-21	2024-10-21	2017-04-10	No detailed assessment of location required	-		
0020_SW022	Pathway	Flatrock Creek	9	0.695	N	N	Y	N	6.57	1.92	3.21	1.3637	2017-04-10	2024-04-08	2024-04-08	2017-04-10	Proceed to assessment	No		
0020_SW023	Pathway	Flatrock Creek	8	0.013	N	N	N	N	1.4	0.24	0.6045	0.4754	2022-10-10	2023-04-17	2024-04-08	2017-04-10	Proceed to assessment	No		
0020_SW026	Receptor	Flatrock Creek	11	0.015	N	N	N	N	0.0962	0.01	0.04	0.0322	2017-04-19	2021-10-19	2024-10-25	2017-04-19	Proceed to assessment	No		
0020_SW027	Receptor	Flatrock Creek	11	0.04	N	N	N	N	0.13	0.01	0.06	0.0362	2023-04-17	2023-10-16	2024-10-25	2017-04-19	Proceed to assessment	No		
0020_SW029	Receptor	Flatrock Creek	9	0.257	N	N	Y	N	0.0709	0.02	0.0492	0.016	2017-04-19	2024-10-21	2024-10-21	2017-04-19	Proceed to assessment	No		
0020_SW030	Pathway	Flatrock Creek	12	0.012	N	N	Y	N	0.11	0.03	0.065	0.0249	2024-04-08	2024-10-26	2024-10-26	2017-04-20	Proceed to assessment	No		
0020_SW032	Pathway	Flatrock Creek	7	0.003	N	N	N	N	0.27	0.01	0.06	0.0926	2023-10-16	2022-04-04	2024-04-08	2018-03-21	Proceed to assessment	No		
0020_SW033	Receptor	Flatrock Creek	9	0.062	N	N	N	N	0.07	0.0041	0.01	0.0203	2023-04-17	2018-04-06	2024-10-25	2018-04-06	Proceed to assessment	No		
0020_SW035	Tank	STP	5	0.002	N	N	Y	N	1.87	0.06	0.66	0.6734	2022-04-07	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No		
0020_SW036	Tank	STP	8	0.328	N	N	Y	N	0.79	0.06	0.675	0.2864	2022-04-04	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No		
0020_SW037	Tank	STP	7	0.181	N	N	Y	N	0.91	0.21	0.656	0.2121	2022-04-04	2024-10-21	2024-10-21	2017-04-12	Proceed to assessment	No		
0020_SW054	Pathway	Flatrock Creek	5	0.787	N	Y	N													

Location Details			Data profile															Trend assessment		
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity	
																			(Is the trend 'real'?)	Comments
0021_MW112	Pathway	Mary Creek	10	0.718	N	N	N	N	0.01	0.0053	0.01	0.0015	2021-06-24	2017-04-28	2024-10-24	2017-04-28	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_MW113	Pathway	Mary Creek	11	0.033	N	N	N	N	0.06	0.01	0.02	0.0169	2022-10-13	2018-05-02	2024-10-24	2017-04-28	Proceed to assessment	No		
0021_MW114	Receptor	Bherwerre Barrier	11	0.513	N	N	N	Y	0.01	0.0003	0.01	0.0045	2018-05-15	2018-04-12	2024-10-26	2019-02-12	Proceed to assessment	No		
0021_MW115	Receptor	Bherwerre Barrier	7	0.425	N	N	N	Y	0.01	0.0003	0.01	0.0051	2018-05-16	2019-02-12	2024-04-11	2018-04-12	Proceed to assessment	No		
0021_MW117	Source	Flatrock Creek	7	0.025	N	N	N	N	0.16	0.0389	0.07	0.048	2021-10-20	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-		
0021_MW118	Source	Flatrock Creek	8	0.161	N	N	N	N	1.43	0.0139	0.81	0.445	2023-04-21	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-		
0021_MW119	Source	Captains Lagoon	9	0.249	N	N	N	N	0.02	0.0003	0.01	0.0049	2021-10-20	2017-05-03	2024-10-22	2021-10-20	No detailed assessment of location required	-		
0021_MW120	Source	Captains Lagoon	7	0.243	N	N	N	N	1.66	0.0092	0.47	0.5436	2023-10-19	2017-05-03	2024-10-22	2017-05-03	No detailed assessment of location required	-		
0021_MW121	Source	Captains Lagoon	8	0.192	N	N	N	N	0.06	0.0102	0.03	0.0167	2023-02-01	2017-05-03	2024-10-24	2017-05-03	No detailed assessment of location required	-		
0021_MW123	Source	Captains Lagoon	8	0.512	N	N	N	N	1.07	0.227	0.725	0.33	2023-04-21	2017-05-08	2024-10-22	2017-05-08	No detailed assessment of location required	-		
0021_MW124	Pathway	Captains Lagoon	10	0.362	N	N	Y	N	0.644	0.09	0.47	0.1277	2017-05-04	2024-10-22	2024-10-22	2017-05-04	Proceed to assessment	No		
0021_MW125	Pathway	Flatrock Creek	12	0.02	N	N	N	N	0.14	0.01	0.0316	0.0364	2023-02-02	2018-05-03	2024-10-26	2017-05-04	Proceed to assessment	No		
0021_MW126	Pathway	Flatrock Creek	9	0.814	N	N	N	Y	0.01	0.0013	0.01	0.0029	2021-10-20	2017-05-04	2024-10-26	2017-05-04	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_MW127	Source	Captains Lagoon	5	0.188	N	N	N	N	0.34	0.198	0.25	0.0532	2022-04-11	2017-05-04	2024-10-24	2017-05-04	No detailed assessment of location required	-		
0021_MW128	Pathway	Flatrock Creek	13	0.171	N	N	N	N	1.09	0.0011	0.01	0.2996	2018-05-03	2019-02-14	2024-10-23	2017-05-04	Proceed to assessment	No		
0021_MW129	Pathway	Lakes	11	0.135	N	N	N	Y	0.01	0.0002	0.0005	0.0033	2018-05-03	2021-10-22	2024-10-26	2018-04-13	Proceed to assessment	No		
0021_MW130	Pathway	Lakes	11	0.167	N	N	N	Y	0.01	0.0002	0.0003	0.0039	2018-05-15	2022-04-06	2024-10-26	2018-04-12	Proceed to assessment	No		
0021_MW131	Pathway	Summercloud Creek	5	0.712	N	Y	N	N	0.14	0.0151	0.07	0.0477	2024-10-23	2018-04-11	2024-10-23	2018-04-11	Proceed to assessment	Yes	Yes	>3 sample points
0021_MW132	Pathway	Summercloud Creek	6	0.909	N	N	N	Y	0.01	0.0003	0.01	0.004	2022-10-12	2018-04-11	2024-10-23		Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_MW133	Pathway	Mary Creek	7	0.399	N	N	N	Y	0.01	0.0003	0.01	0.0037	2018-05-02	2018-04-11	2024-10-23		Proceed to assessment	No		>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_MW134	Pathway	Captains Lagoon	5	0.884	N	N	N	Y	0.01	0.0004	0.01	0.0043	2022-04-11	2017-05-04	2024-10-24	2017-05-04	Proceed to assessment	Yes	No	
0021_MW135	Pathway	Lakes	8	0.061	N	N	N	N	0.0056	0.0002	0.0003	0.0019	2024-04-09	2021-10-21	2024-10-26	2019-05-30	Proceed to assessment	No		
0021_MW136	Pathway	Lakes	8	0.002	N	N	N	N	0.0015	0.0002	0.0003	0.0004	2022-10-10	2021-10-21	2024-10-26	2022-04-06	Proceed to assessment	No		
0021_MW137	Pathway	Lakes	8	0.19	N	Y	N	N	0.003	0.0001	0.0003	0.001	2024-10-26	2022-04-06	2024-10-26	2021-10-21	Proceed to assessment	No		
0021_MW138	Pathway	Lakes	8	0.029	N	N	N	Y	0.01	0.0002	0.0005	0.0044	2021-10-21	2023-04-18	2024-10-26	2022-04-05	Proceed to assessment	No		
0021_MW139	Pathway	Lakes	8	0.051	N	N	N	Y	0.01	0.0002	0.0003	0.0034	2021-10-21	2022-04-05	2024-10-26	2023-04-18	Proceed to assessment	No		
0021_MW140	Pathway	Lakes	8	0.05	Y	N	N	Y	0.01	0.0002	0.0002	0.0034	2021-10-21	2022-04-05	2024-10-26	2024-10-26	Proceed to assessment	No		
0021_MW150	Source	Mary Creek	2	1.	N	Y	N	N	22.	11.9	18.1	5.5154	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-		
0021_MW151	Source	Mary Creek	2	1.	N	Y	N	N	8.94	6.22	7.58	1.9233	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-		
0021_MW152	Source	Mary Creek	2	1.	N	N	Y	N	31.5	25.9	28.7	3.9598	2020-08-13	2024-10-25	2024-10-25	2020-08-13	No detailed assessment of location required	-		
0021_MW153	Source	Mary Creek	2	1.	N	N	Y	N	17.3	11.6	14.45	4.0305	2020-08-12	2024-10-25	2024-10-25	2020-08-12	No detailed assessment of location required	-		
0021_MW154	Source	Mary Creek	2	1.	N	Y	N	N	15.7	9.94	12.82	4.0729	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-		
0021_MW155	Source	Mary Creek	2	1.	N	Y	N	N	43.	8.88	25.94	24.1265	2024-10-25	2020-08-13	2024-10-25	2020-08-13	No detailed assessment of location required	-		
0021_MW160	Pathway	Flatrock Creek	2	1.	N	N	N	Y	0.01	0.01	0.01	0.	2021-12-21	2021-12-21	2024-10-23		Proceed to assessment	Yes	No	Insufficient data points
0021_MW163	Pathway	Flatrock Creek	4	0.739	N	Y	N	N	1.62	0.4	0.67	0.5415	2024-10-23	2022-10-11	2024-10-23	2022-04-11	Proceed to assessment	Yes	Yes	>3 sample points
0021_MW164	Pathway	Flatrock Creek	4	0.924	N	N	Y	N	9.73	2.61	6.775	3.0733	2022-04-11	2024-10-22	2024-10-22	2022-04-11	Proceed to assessment	Yes	Yes	>3 sample points
0021_OTH001	Tank	RAN SSSS	8	0.273	N	N	N	N	8.76	0.01	1.54	3.0341	2022-04-05	2024-04-11	2024-10-25	2017-10-13	Proceed to assessment	No		
0021_OTH002	Tank	RAN SSSS	8	0.591	N	N	N	N	1.16	0.56	0.67	0.2048	2017-10-13	2023-10-19	2024-10-25	2017-10-13	Proceed to assessment	No		
0021_OTH003	Tank	RAN SSSS	8	0.023	N	N	N	N	12.6	3.95	5.61	2.7621	2023-04-20	2022-10-13	2024-10-25	2017-11-16	Proceed to assessment	No		
0021_OTH004	Tank	RAN SSSS	8	0.559	N	N	N	N	7.64	0.01	3.68	2.4368	2017-10-13	2023-04-20	2024-10-25	2017-10-13	Proceed to assessment	No		
0021_OTH005	Tank	RAN SSSS	9	0.721	N	N	Y	N	30.3	0.11	4.46	9.5496	2017-06-28	2024-10-25	2024-10-25	2017-06-28	Proceed to assessment	Yes	Yes	>3 sample points
0021_OTH006	Tank	RAN SSSS	8	0.014	N	N	N	N	0.47	0.01	0.01	0.161	2022-04-05	2021-10-21	2024-10-25	2017-10-13	Proceed to assessment	No		
0021_SW001	Source	Captains Lagoon	12	0.012	N	N	N	N	13.1	1.16	3.655	3.64	2021-10-19	2023-08-07	2024-04-10	2017-04-20	No detailed assessment of location required	-		
0021_SW002	Source	Mary Creek	7	0.518	N	N	N	N	5.9	1.17	2.67	1.9041	2021-10-19	2023-04-20	2024-04-11	2017-04-20	No detailed assessment of location required	-		
0021_SW003	Source	Mary Creek	6	0.016	N	N	N	N	0.08											

Location Details			Data profile															Trend assessment		
Location	SPR classification	Catchment	# Samples	R ²	First Time Detect	New Max	New Min	Max is Non Detect	Max	Min	Median	St Dev	Max Result Date	Min Result Date	Latest Sample Date	First Time Detect Date	Location classification	Significant trend?	Check R2 validity	
																			(Is the trend 'real'?)	Comments
0021_SW040	Receptor	Lakes	8	0.966	N	N	N	Y	0.01	0.0004	0.0059	0.0049	2023-04-18	2019-02-12	2024-10-25	2018-04-06	Proceed to assessment	Yes	No	Varying LORs used, which distorts the line of best fit
0021_SW043	Receptor	Mary Creek	8	0.601	N	N	N	N	1.6	0.09	0.385	0.5169	2018-05-01	2023-10-17	2024-10-23	2018-03-20	Proceed to assessment	No		
0021_SW044	Pathway	Mary Creek	8	0.092	N	N	Y	N	1.7	0.05	0.485	0.5936	2024-04-09	2024-10-28	2024-10-28	2018-03-23	Proceed to assessment	No		
0021_SW045	Pathway	Mary Creek	8	0.	N	N	N	N	0.02	0.0072	0.01	0.0045	2024-04-09	2018-04-30	2024-10-23	2018-03-23	Proceed to assessment	No		
0021_SW048	Pathway	Mary Creek	6	0.007	N	N	N	N	0.21	0.014	0.025	0.0905	2022-10-12	2018-04-06	2024-10-25	2018-04-06	Proceed to assessment	No		
0021_SW051	Receptor	Mary Creek	3	0.032	N	N	N	N	0.25	0.0005	0.01	0.1414	2022-05-12	2018-03-28	2024-10-23	2018-03-28	Proceed to assessment	No		
0021_SW052	Receptor	Mary Creek	8	0.263	N	N	N	N	0.902	0.0014	0.04	0.3242	2018-03-28	2018-03-20	2024-10-23	2018-03-20	Proceed to assessment	No		
0021_SW053	Pathway	Mary Creek	13	0.415	N	N	N	N	2.36	0.01	1.	0.602	2018-04-30	2023-05-01	2024-10-23	2018-04-30	Proceed to assessment	No		
0021_SW056	Receptor	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0043	0.01	0.0023	2022-10-12	2018-03-23	2024-10-23	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW057	Pathway	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0007	0.01	0.0038	2022-10-12	2018-03-23	2024-10-23	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW058	Pathway	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0005	0.01	0.0039	2022-10-12	2018-03-23	2024-10-24	2018-03-23	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW059	Pathway	Summercloud Creek	5	1.	N	N	N	Y	0.01	0.01	0.01	0.	2021-10-22	2021-10-22	2024-04-10		Proceed to assessment	Yes	No	>3 samples, all <LOR
0021_SW060	Receptor	Telegraph Creek	8	0.761	N	N	N	Y	0.01	0.0005	0.01	0.0034	2021-10-21	2018-03-21	2024-10-25	2018-03-21	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW062	Pathway	Telegraph Creek	7	1.	N	N	N	Y	0.01	0.01	0.01	0.	2021-10-21	2021-10-21	2024-10-23		Proceed to assessment	Yes	No	>3 samples, all <LOR
0021_SW064	Pathway	Telegraph Creek	7	0.759	N	N	N	N	0.0199	0.01	0.01	0.0037	2018-03-20	2021-10-21	2024-10-23	2018-03-20	Proceed to assessment	Yes	No	>3 samples, first sample was a detection, but all subsequent results <LOR
0021_SW068	Receptor	Telegraph Creek	7	0.173	N	N	N	N	0.02	0.01	0.01	0.0038	2022-04-07	2021-10-21	2024-10-25	2022-04-07	Proceed to assessment	No		
0021_SW069	Receptor	Telegraph Creek	8	0.76	N	N	N	Y	0.01	0.0003	0.01	0.0034	2021-10-21	2018-03-26	2024-10-25		Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW076	Receptor	Clay Pools	8	0.941	N	N	N	Y	0.01	0.0016	0.01	0.0041	2022-10-12	2018-03-22	2024-10-23	2018-03-22	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW077	Receptor	Clay Pools	7	0.951	N	N	N	Y	0.01	0.0018	0.01	0.0036	2022-10-12	2019-02-11	2024-04-10	2018-03-22	Proceed to assessment	Yes	No	Varying LORs used, which distorts the line of best fit
0021_SW078	Receptor	Clay Pools	8	0.265	N	N	N	N	0.03	0.0054	0.01	0.0082	2023-04-19	2018-03-22	2024-10-23	2018-03-22	Proceed to assessment	No		
0021_SW079	Receptor	Clay Pools	8	0.451	N	N	N	N	0.08	0.0041	0.05	0.0244	2023-04-19	2018-03-22	2024-10-23	2018-03-22	Proceed to assessment	No		
0021_SW080	Receptor	Clay Pools	8	0.079	N	N	N	N	0.0546	0.0038	0.0224	0.0171	2018-03-22	2019-03-18	2024-10-23	2018-03-22	Proceed to assessment	No		
0021_SW083	Receptor	Bherwerre Barrier	8	0.252	N	N	N	N	0.0109	0.0032	0.01	0.0025	2018-03-19	2018-05-17	2024-10-25	2018-03-19	Proceed to assessment	No		
0021_SW085	Receptor	Summercloud Creek	6	0.91	N	N	N	Y	0.01	0.0006	0.01	0.0038	2022-10-12	2018-03-28	2024-10-23	2018-03-28	Proceed to assessment	Yes	No	>3 sample points, first sample low LOR, all results subsequently equal to higher LOR
0021_SW110	Source	Mary Creek	10	0.361	N	Y	N	N	3.8	0.12	0.745	1.2461	2024-10-24	2020-08-04	2024-10-24	2020-08-04	No detailed assessment of location required	-		
0021_SW111	Source	Captains Lagoon	4	0.855	N	N	N	N	3.17	0.01	0.1	1.5507	2020-08-10	2022-04-06	2023-04-20	2020-08-10	No detailed assessment of location required	-		
0021_SW112	Source	Mary Creek	8	0.33	N	Y	N	N	4.27	0.04	0.175	1.4499	2024-10-24	2023-10-18	2024-10-24	2020-08-04	No detailed assessment of location required	-		
0021_SW126	Pathway	Captains Lagoon	7	0.579	N	N	Y	N	3.7	0.17	0.76	1.1633	2020-08-20	2024-04-11	2024-04-11	2020-08-20	Proceed to assessment	No		
0021_SW127	Source	Mary Creek	12	0.127	N	N	N	N	10.7	0.04	4.125	3.3372	2020-08-20	2022-04-07	2024-04-10	2020-08-20	No detailed assessment of location required	-		
0021_SW130	Source	Mary Creek	10	0.045	N	N	N	N	4.82	0.46	2.345	1.4961	2021-10-19	2023-04-20	2024-10-25	2020-06-24	No detailed assessment of location required	-		
0021_SW153	Source	Mary Creek	15	0.202	N	N	N	N	14.7	1.	4.7	3.5753	2021-11-11	2022-04-08	2024-04-10	2021-08-31	No detailed assessment of location required	-		
0021_SW188	Receptor	Summercloud Creek	2	1.	N	N	N	Y	0.01	0.01	0.01	0.	2022-12-21	2022-12-21	2024-10-24		Proceed to assessment	Yes	No	Insufficient data points
0021_SW211	Receptor	Mary Creek	1	0.	N	Y	Y	Y	0.01	0.01	0.01	NaN	2024-10-23	2024-10-23	2024-10-23		Proceed to assessment	No		
0021_SW212	Receptor	Bherwerre Barrier	1	0.	Y	Y	Y	N	0.0048	0.0048	0.0048	NaN	2024-10-25	2024-10-25	2024-10-25	2024-10-25	Proceed to assessment	No		

Applied filters:Allow View is greater than 0Location_UID is not blankFlag Multiple Chemicals is greater than 0TotalorFiltered is TChemName is Perfluorooctane sulfonic acid (PFOS)SampledDate is before 2025-01-01Catchment is not UNKNOWNSite_ID is 0020 or 0021MatrixTypeSimplified is WATERActionLevelSource is No Criteria PFAS I

PFOS (ug/L)								
Location Details			Performance measures for PFOS					Additional recommendations
Location	SPR classification	Catchment	Trend line direction (visual assessment)	NEMP (2020) 95% Species protection				
				Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0020_MW001	Pathway	Flatrock Creek	Down	Contextual	No	Yes	Continue monitoring as per OMP	Continue monitoring as per OMP
0020_MW007	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_MW008	Pathway	Flatrock Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0020_MW012	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW012A	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW017	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0020_MW037	Source	Flatrock Creek	-	-	-	-	-	
0020_MW052	Source	Captains Lagoon	-	-	-	-	-	
0020_MW055	Pathway	Captains Lagoon		Contextual	No	Yes	Continue monitoring as per OMP	
0020_MW056	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW057	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW058	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW059	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW068	Pathway	Flatrock Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	
0020_MW102D	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_MW102S	Pathway	Captains Lagoon		Contextual	No	Yes	Continue monitoring as per OMP	
0020_MW104	Pathway	Captains Lagoon	-	Contextual	No	Yes	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0020_MW105	Pathway	Captains Lagoon	-	Contextual	No	Yes	Continue monitoring as per OMP	
0020_MW108	Pathway	Flatrock Creek	Up	Contextual	Yes	Yes	Refer to actions table	
0020_MW109	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0020_MW110	Pathway	Flatrock Creek	Up	Contextual	Yes	Yes	Refer to actions table	
0020_MW111	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0020_MW112	Source	Flatrock Creek	-	-	-	-	-	
0020_MW115	Source	Flatrock Creek	-	-	-	-	-	
0020_SW004	Receptor	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_SW005	Receptor	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_SW010	Receptor	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0020_SW011	Pathway	Captains Lagoon		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW012	Receptor	Captains Lagoon		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW016	Source	Flatrock Creek	-	-	-	-	-	
0020_SW018	Source	Flatrock Creek	-	-	-	-	-	
0020_SW022	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0020_SW023	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0020_SW026	Receptor	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW027	Receptor	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW029	Receptor	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW030	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW032	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW033	Receptor	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0020_SW035	Tank	STP		-	-	-	SPR linkage not applicable	
0020_SW036	Tank	STP		-	-	-	SPR linkage not applicable	
0020_SW037	Tank	STP		-	-	-	SPR linkage not applicable	
0020_SW054	Pathway	Flatrock Creek	Up	Contextual	Yes	Yes	Refer to actions table	
0020_SW057	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_MW018	Pathway	Captains Lagoon	-	Contextual	No	Yes	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0021_MW020	Receptor	Clay Pools		Yes	No	No	Continue monitoring as per OMP	
0021_MW021	Pathway	Mary Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0021_MW022	Pathway	Summercloud Creek		Yes	Yes	No	Undertake further assessment	
0021_MW024	Source	Mary Creek		-	-	-	-	
0021_MW025	Source	Flatrock Creek		-	-	-	-	
0021_MW026	Source	Flatrock Creek		-	-	-	-	
0021_MW028	Source	Captains Lagoon		-	-	-	-	
0021_MW030	Source	Captains Lagoon		-	-	-	-	
0021_MW060	Pathway	Mary Creek	Up	Contextual	No	Yes	Refer to actions table	
0021_MW061	Source	Mary Creek		-	-	-	-	
0021_MW062	Source	Captains Lagoon		-	-	-	-	
0021_MW063	Source	Mary Creek		-	-	-	-	
0021_MW064	Source	Mary Creek		-	-	-	-	
0021_MW065	Source	Mary Creek		-	-	-	-	
0021_MW070	Pathway	Mary Creek	Down	Contextual	Yes	Yes	Continue monitoring as per OMP	
0021_MW071	Pathway	Mary Creek	Down	Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW072	Pathway	Mary Creek		Contextual	Yes	Yes	Refer to actions table	
0021_MW101	Source	Mary Creek		-	-	-	-	
0021_MW102	Source	Captains Lagoon		-	-	-	-	
0021_MW103	Source	Mary Creek		-	-	-	-	
0021_MW104	Source	Mary Creek		-	-	-	-	
0021_MW105	Source	Mary Creek		-	-	-	-	
0021_MW106	Source	Mary Creek		-	-	-	-	
0021_MW107	Source	Mary Creek		-	-	-	-	
0021_MW108	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_MW109	Source	Captains Lagoon		-	-	-	-	
0021_MW110	Source	Mary Creek		-	-	-	-	
0021_MW111	Source	Mary Creek		-	-	-	-	

Location Details			Performance measures for PFOS					Additional recommendations
Location	SPR classification	Catchment	Trend line direction (visual assessment)	NEMP (2020) 95% Species protection				
				Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0021_MW112	Pathway	Mary Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW113	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW114	Receptor	Bherwerre Barrier		Yes	No	No	Continue monitoring as per OMP	
0021_MW115	Receptor	Bherwerre Barrier		Yes	No	No	Continue monitoring as per OMP	
0021_MW117	Source	Flatrock Creek		-	-	-	-	
0021_MW118	Source	Flatrock Creek		-	-	-	-	
0021_MW119	Source	Captains Lagoon		-	-	-	-	
0021_MW120	Source	Captains Lagoon		-	-	-	-	
0021_MW121	Source	Captains Lagoon		-	-	-	-	
0021_MW123	Source	Captains Lagoon		-	-	-	-	
0021_MW124	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_MW125	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW126	Pathway	Flatrock Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW127	Source	Captains Lagoon		-	-	-	-	
0021_MW128	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW129	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW130	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW131	Pathway	Summercloud Creek	Up	Yes	Yes	No	Refer to actions table	
0021_MW132	Pathway	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_MW133	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW134	Pathway	Captains Lagoon	-	Contextual	No	Yes	Continue monitoring as per OMP	
0021_MW135	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW136	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW137	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW138	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW139	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW140	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_MW150	Source	Mary Creek		-	-	-	-	
0021_MW151	Source	Mary Creek		-	-	-	-	
0021_MW152	Source	Mary Creek		-	-	-	-	
0021_MW153	Source	Mary Creek		-	-	-	-	
0021_MW154	Source	Mary Creek		-	-	-	-	
0021_MW155	Source	Mary Creek		-	-	-	-	
0021_MW160	Pathway	Flatrock Creek	-	Contextual	No	Yes	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0021_MW163	Pathway	Flatrock Creek	Up	Contextual	Yes	Yes	Refer to actions table	
0021_MW164	Pathway	Flatrock Creek	Down	Contextual	Yes	Yes	Continue monitoring as per OMP	
0021_OTH001	Tank	RAN SSSS		-	-	-	SPR linkage not applicable	
0021_OTH002	Tank	RAN SSSS		-	-	-	SPR linkage not applicable	
0021_OTH003	Tank	RAN SSSS		-	-	-	SPR linkage not applicable	
0021_OTH004	Tank	RAN SSSS		-	-	-	SPR linkage not applicable	
0021_OTH005	Tank	RAN SSSS	Down	-	-	-	SPR linkage not applicable	
0021_OTH006	Tank	RAN SSSS		-	-	-	SPR linkage not applicable	
0021_SW001	Source	Captains Lagoon		-	-	-	-	
0021_SW002	Source	Mary Creek		-	-	-	-	
0021_SW003	Source	Mary Creek		-	-	-	-	
0021_SW004	Source	Mary Creek		-	-	-	-	
0021_SW005	Source	Mary Creek		-	-	-	-	
0021_SW006	Source	Mary Creek		-	-	-	-	
0021_SW010	Pathway	Mary Creek		Contextual	Yes	Yes	Refer to actions table	
0021_SW011	Source	Mary Creek		-	-	-	-	
0021_SW013	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_SW016	Source	Mary Creek		-	-	-	-	
0021_SW017	Source	Mary Creek		-	-	-	-	
0021_SW018	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW019	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_SW020	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0021_SW021	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_SW022	Pathway	Flatrock Creek		Contextual	Yes	Yes	Refer to actions table	
0021_SW024	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW025	Pathway	Flatrock Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW027	Source	Captains Lagoon		-	-	-	-	
0021_SW032	Receptor	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_SW034	Receptor	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_SW035	Pathway	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_SW036	Receptor	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_SW037	Receptor	Lakes		Yes	No	No	Continue monitoring as per OMP	
0021_SW038	Receptor	Lakes		Yes	No	No	Continue monitoring as per OMP	

Location Details			Performance measures for PFOS					Additional recommendations
Location	SPR classification	Catchment	Trend line direction (visual assessment)	NEMP (2020) 95% Species protection				
				Applicable to location?	Last result exceeding?	SPR Managed?	Assessment outcome	
0021_SW040	Receptor	Lakes	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW043	Receptor	Mary Creek		Contextual	Yes	Yes	Refer to actions table	
0021_SW044	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW045	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW048	Pathway	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW051	Receptor	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW052	Receptor	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW053	Pathway	Mary Creek		Contextual	Yes	Yes	Refer to actions table	
0021_SW056	Receptor	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW057	Pathway	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW058	Pathway	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW059	Pathway	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW060	Receptor	Telegraph Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW062	Pathway	Telegraph Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW064	Pathway	Telegraph Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW068	Receptor	Telegraph Creek		Yes	No	No	Continue monitoring as per OMP	
0021_SW069	Receptor	Telegraph Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW076	Receptor	Clay Pools	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW077	Receptor	Clay Pools	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW078	Receptor	Clay Pools		Yes	No	No	Continue monitoring as per OMP	
0021_SW079	Receptor	Clay Pools		Yes	No	No	Continue monitoring as per OMP	
0021_SW080	Receptor	Clay Pools		Yes	No	No	Continue monitoring as per OMP	
0021_SW083	Receptor	Bherwerre Barrier		Yes	No	No	Continue monitoring as per OMP	
0021_SW085	Receptor	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	
0021_SW110	Source	Mary Creek		-	-	-	-	
0021_SW111	Source	Captains Lagoon		-	-	-	-	
0021_SW112	Source	Mary Creek		-	-	-	-	
0021_SW126	Pathway	Captains Lagoon		Contextual	Yes	Yes	Refer to actions table	
0021_SW127	Source	Mary Creek		-	-	-	-	
0021_SW130	Source	Mary Creek		-	-	-	-	
0021_SW153	Source	Mary Creek		-	-	-	-	
0021_SW188	Receptor	Summercloud Creek	-	Yes	No	No	Continue monitoring as per OMP	Further monitoring recommended to increase data points
0021_SW211	Receptor	Mary Creek		Contextual	No	Yes	Continue monitoring as per OMP	
0021_SW212	Receptor	Bherwerre Barrier		Yes	No	No	Continue monitoring as per OMP	

Applied filters:Allow View is greater than 0Location_UIDNEMP 2.0

Appendix G

Groundwater elevation graphs

Monitoring zone: Bherwerre Barrier

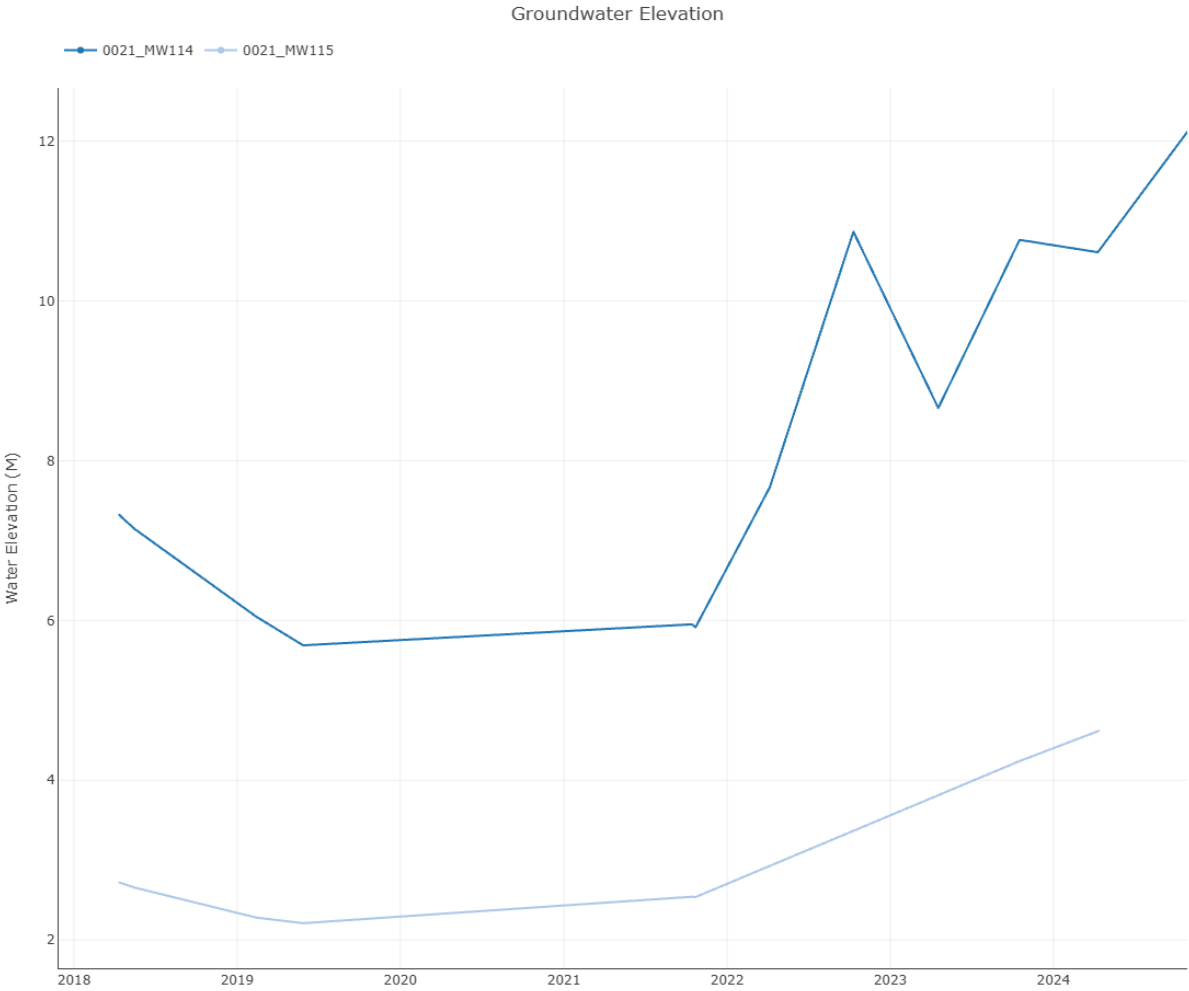


Plate G.1

Monitoring zone: AEC A and AEC B

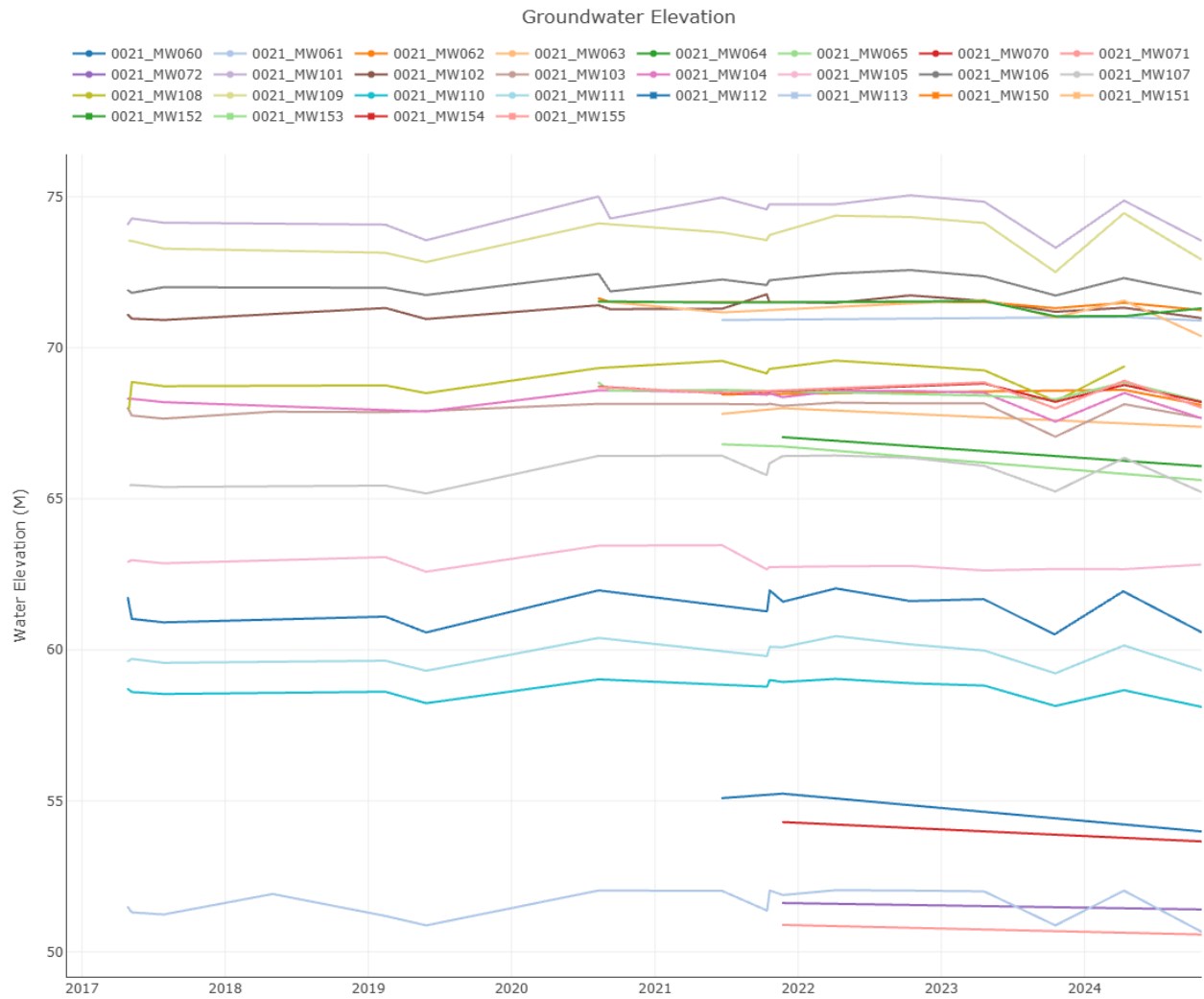


Plate G.2

Monitoring zone: AEC C and wider JBRF (on site)

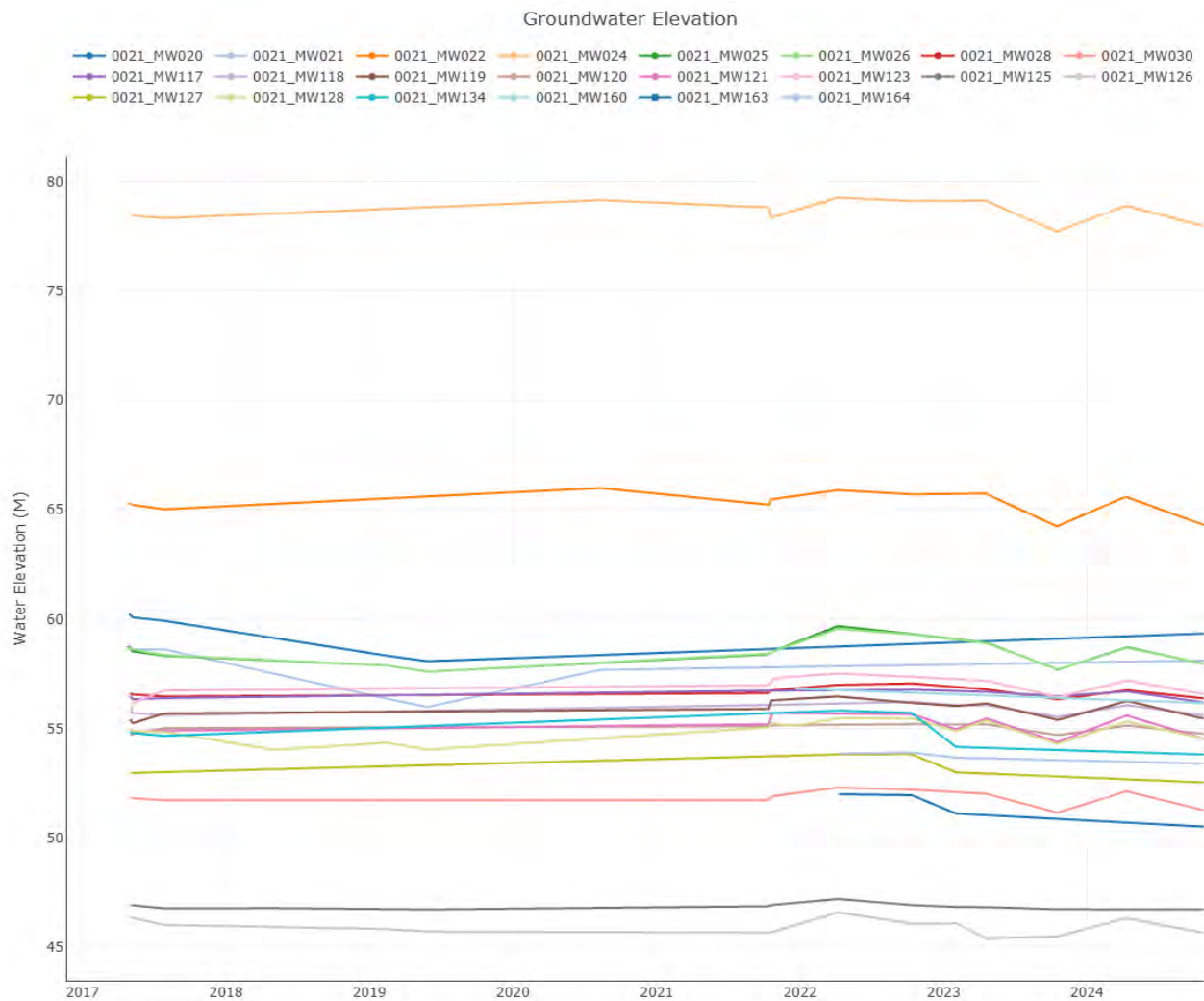


Plate G.3

Monitoring zone: AEC E, AEC F, AEC G, Captains Lagoon and wider HMAS Creswell

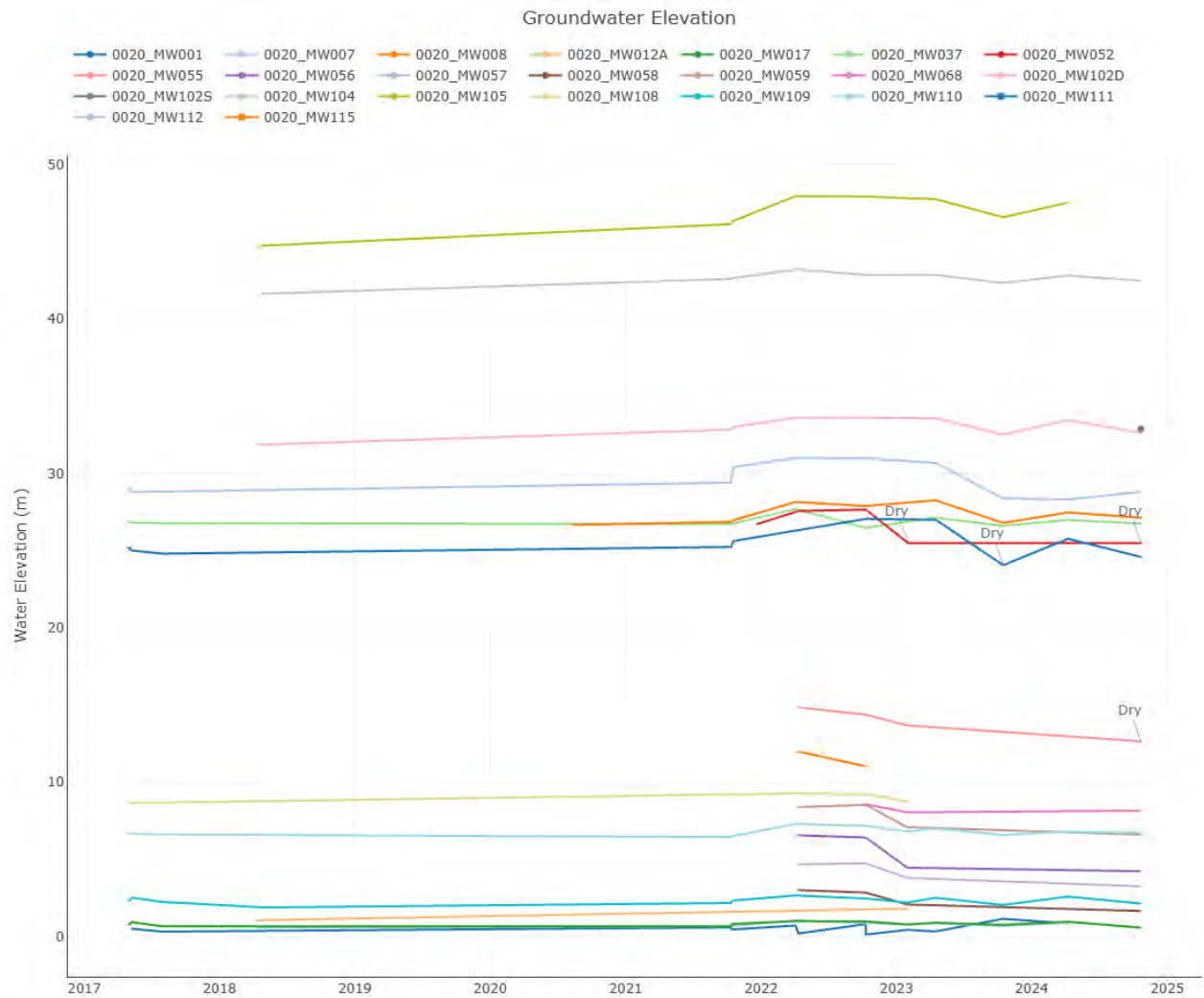


Plate G.4

Monitoring zone: Lake McKenzie and Lake Windermere

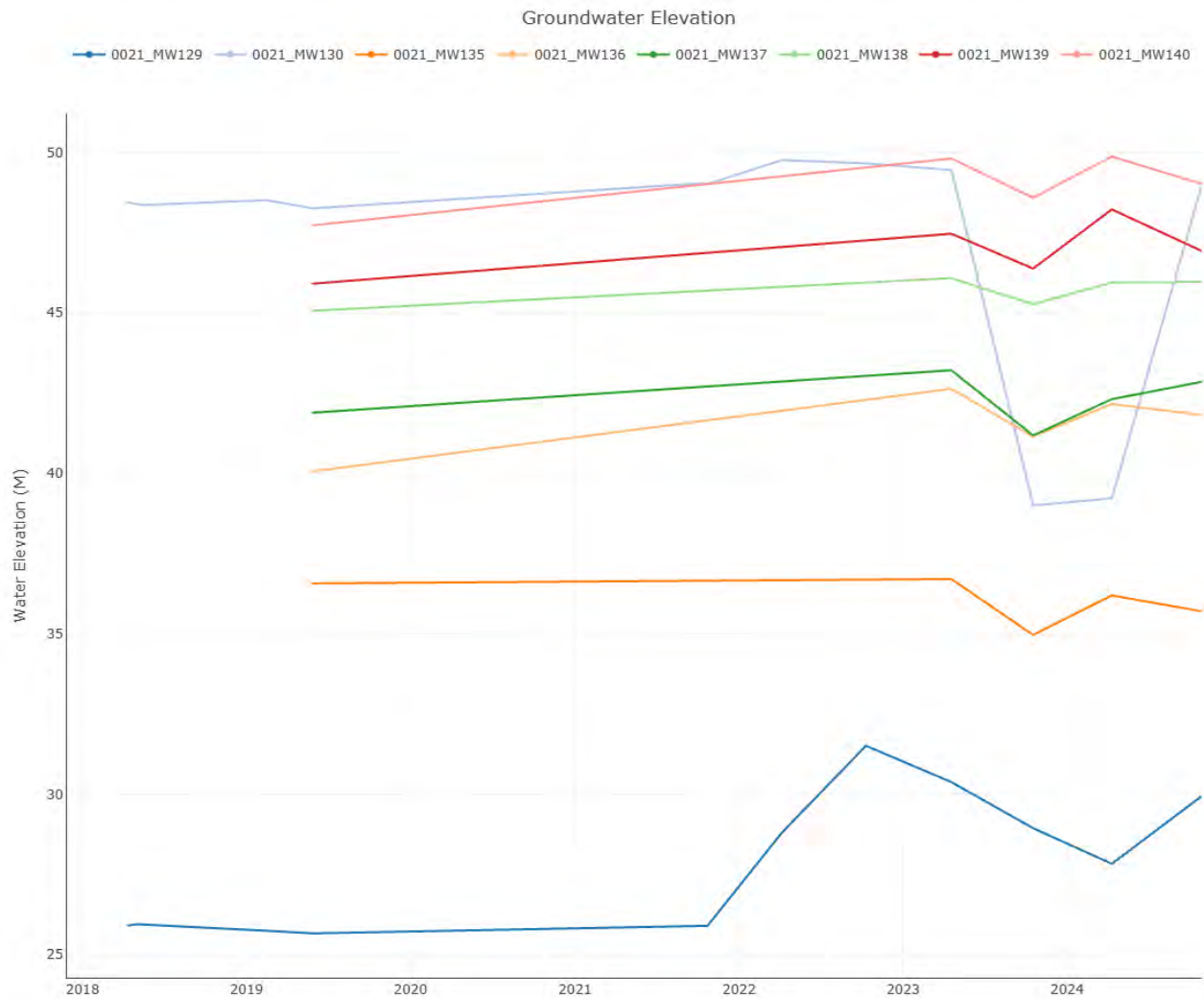


Plate G.5

Monitoring zone: Mary Creek and Summercloud Creek

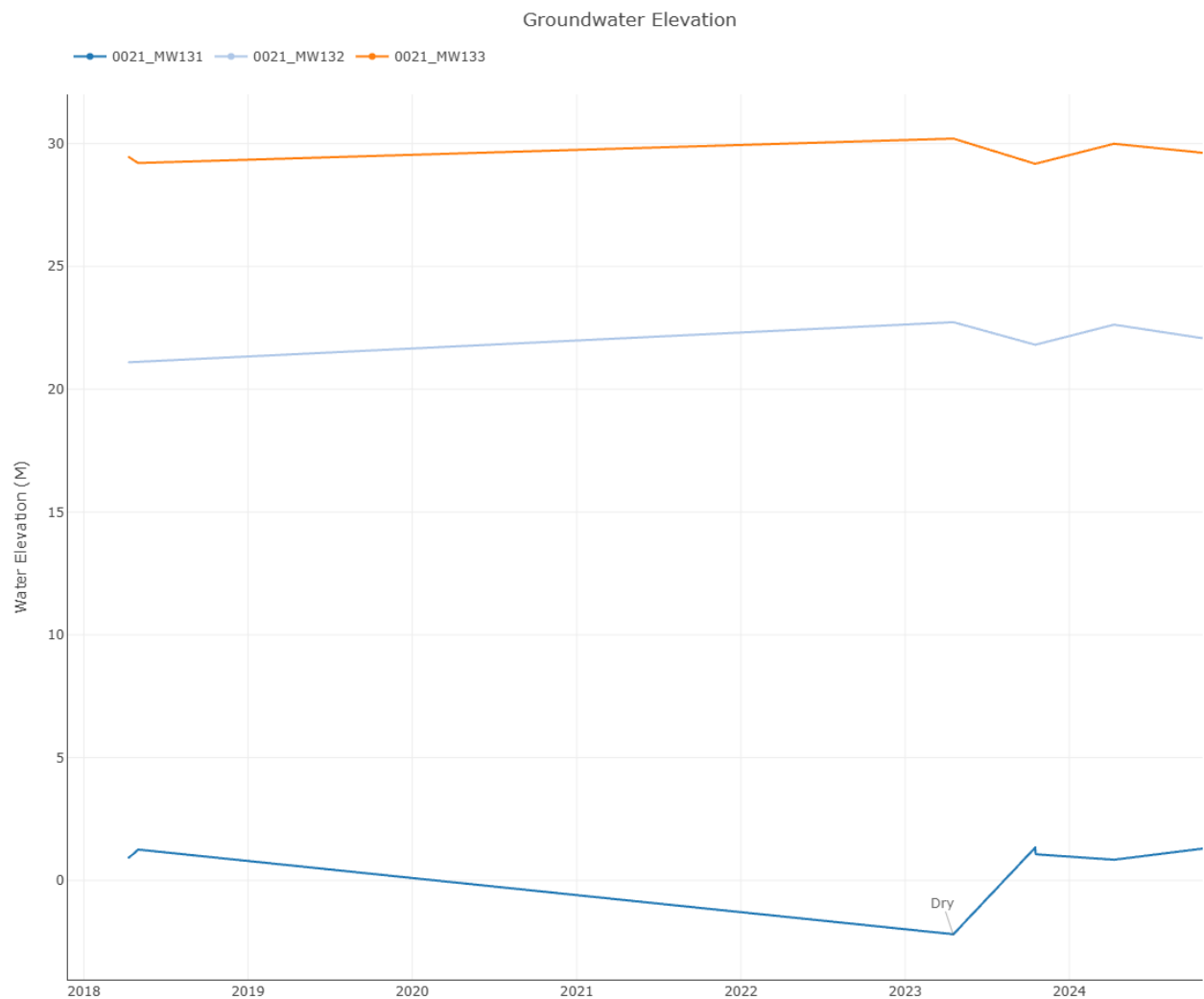


Plate G.6